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RESULTS OF 1966 REGIONAL COTTON VARIETY TESTS

by Cooperating Agricultural Experiment Stations

| | |
|--------------------|-----------------------|
| Alabama | Nevada |
| Arizona | New Mexico |
| Arkansas | North Carolina |
| California | Oklahoma |
| Georgia | South Carolina |
| Louisiana | Tennessee |
| Mississippi | Texas |
| Missouri | |

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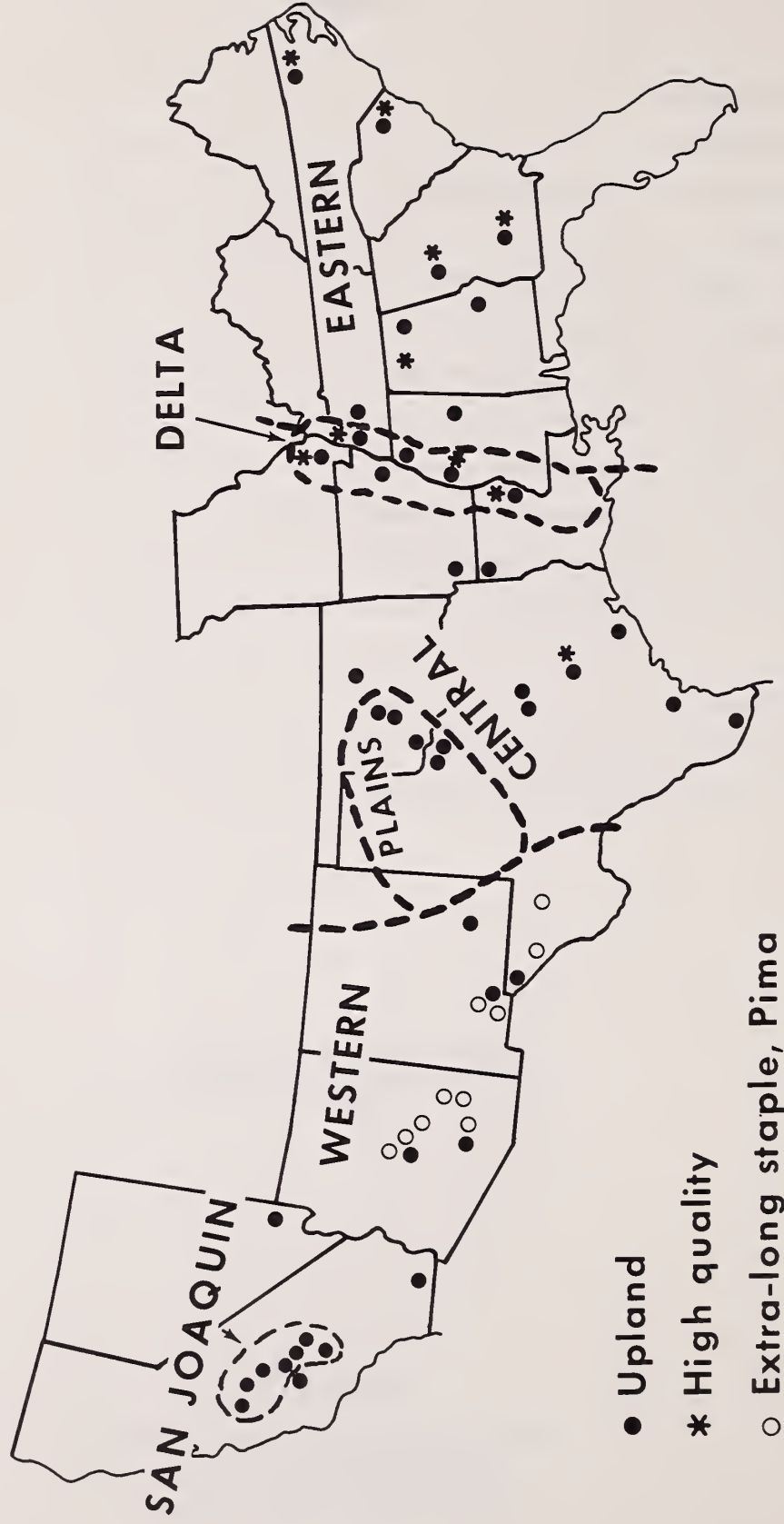
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Mention of trade names does not
constitute their endorsement by
the U.S. Department of Agriculture.

Prepared in

Cotton and Cordage Fibers Research Branch
Crops Research Division
Agricultural Research Service
U.S. Department of Agriculture

REGIONAL COTTON VARIETY TESTING PROGRAMS



RESULTS OF 1966 REGIONAL COTTON VARIETY TESTS^{1/}

by Cooperating Agricultural Experiment Stations:

| | |
|-------------|----------------|
| Alabama | Nevada |
| Arizona | New Mexico |
| Arkansas | North Carolina |
| California | Oklahoma |
| Georgia | South Carolina |
| Louisiana | Tennessee |
| Mississippi | Texas |
| Missouri | |

The Regional Cotton Variety Testing program developed from considerations of the Joint Cotton Breeding Policy Committee and plans of the National Cotton Variety Testing Committee.^{2/} It is made possible by the cooperative efforts of the 15 State agricultural experiment stations and the Agricultural Research Service, U.S. Department of Agriculture. Results for the first 3-year cycle of testing were reported in U.S. Agricultural Research Service publications ARS 34-30, ARS 34-43, and ARS 34-60 for 1960, 1961, and 1962, respectively. Results of the second 3-year cycle of testing were reported in ARS 34-68, ARS 34-81, and ARS 34-82 for the years 1963, 1964, and 1965, respectively. This publication covers the 1966 season which begins the third 3-year cycle.

For the third 3-year cycle Acala 1517D, Coker 201, Paymaster 54B, and Stoneville 7A were chosen as national standards. Within each region, the cooperators annually selected a group of regional standard varieties that were common to all of the tests within the region for the particular year. Each station may enter optional varieties of local interest, but only data from the national and regional standards are included in this report.

All the varieties tested were grown to obtain experimental data and their selection as national or regional standards does not constitute endorsement by the U.S. Department of Agriculture or the cooperating State agricultural experiment stations.

REGIONS AND LOCATIONS

The regional variety tests were originally organized into five regions for testing upland cottons and one region for testing extra-long staple Pima cottons. The interest of the industry in upland varieties with improved spinning performance led to the establishment in 1964 of the High Quality Regional Cotton Variety Test. The area covered by the high quality test extends over the Eastern, the Delta, and into the Central region. A similar interest in high quality cotton adapted to the Plains region led to the organization of a Plains Quality Cotton Variety Test in 1966. Unfortunately, all but two locations were lost due to hail and other adverse weather. A mimeographed report on these tests will be available for those particularly interested in Plains varieties. The tests in the Lubbock, Tex. area in the regular Plains Regional Cotton Variety Test were also ruined by the hail storms.

In 1966 the San Joaquin Valley Continuous Variety Testing Committee organized a cotton variety testing program. The 1966 tests were conducted by the Department of Agronomy, University of California, Davis, Calif. on land furnished by cooperating growers at seven test sites in the Valley.

^{1/} Agronomic data and fiber samples were provided by Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, Missouri, Nevada, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas. Fiber and spinning data were determined by U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn. Data were analyzed and prepared for publication by C. F. Lewis and Thomas Kerr, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md.

^{2/} Since the inception of the program, the membership of the committees has been changed. The committees as now constituted are listed on page 81.

The regions and participating stations during the 1966 season are listed. The map shows the geographical locations of the tests.

Combed yarn tests were made at the Clemson Spinning Laboratory from four locations of the Pima Regional Variety Test. Pima cottons are commonly spun into combed yarns. In addition to the data obtained at Knoxville and reported for all the regional tests, the fiber and spinning data obtained from these combed yarn tests are also given. The format used in reporting the combed yarn data is the same as that used in annual spinning test reports from 1954 to 1959. The cotton in the combed yarn tests was carded at 4.5 lb./hr., the comber setting was 0.48 in., and the twist multiplier used was 3.60.

Eastern Regional Cotton Variety Test

| | |
|--|-------------------|
| Upper Coastal Plain Experiment Station | Rocky Mount, N.C. |
| Pee Dee Experiment Station | Florence, S.C. |
| Coastal Plain Experiment Station | Tifton, Ga. |
| Georgia Agricultural Experiment Station | Experiment, Ga. |
| Alabama Agricultural Experiment Station | Auburn, Ala. |
| Sand Mountain Substation | Crossville, Ala. |
| West Tennessee Agricultural Experiment Station | Jackson, Tenn. |

Delta Regional Cotton Variety Test

| | |
|--|--------------------|
| Delta Branch Experiment Station | Stoneville, Miss. |
| Outlying test | Tunica, Miss. |
| Northeast Louisiana Experiment Station | St. Joseph, La. |
| Arkansas-Delta Substation | Clarkedale, Ark. |
| Missouri-Delta Center | Portageville, Mo. |
| West Tennessee Experiment Station | Fort Pillow, Tenn. |

Central Regional Cotton Variety Test

| | |
|--|-----------------------|
| Oklahoma Agricultural Experiment Station | Stillwater, Okla. |
| Texas Agricultural Experiment Station | College Station, Tex. |
| Texas Agricultural Experiment Station: | |
| Coastal Bend Experiment Station (Beeville, Tex.): | |
| Outlying test | Nueces County, Tex. |
| Gulf Coast Pasture-Beef Cattle Res. Sta. (Angleton, Tex.): | |
| Outlying test | |
| Lower Rio Grande Valley Research & Ext. Center | Brazoria County, Tex. |
| Livestock and Forage Research Center | Weslaco, Tex. |
| Southwest Branch Experiment Station | McGregor, Tex. |
| Red River Valley Experiment Station | Hope, Ark. |
| | Bossier City, La. |

Plains Regional Cotton Variety Test

| | |
|--|-------------------|
| Livestock and Forage Research Center | McGregor, Tex. |
| Irrigation Experiment Station | Altus, Okla. |
| Cotton Research Station | Chickasha, Okla. |
| Rolling Plains Soil and Crops Research Station | Chillicothe, Tex. |

Western Regional Cotton Variety Test

| | |
|--|---------------------|
| U. S. Cotton Research Station | Shafter, Calif. |
| Southwestern Irrigation Field Station | Brawley, Calif. |
| Southern Nevada Field Station | Logandale, Nev. |
| University of Arizona | |
| Cotton Research Center | Phoenix, Ariz. |
| Marana Experimental Farm | Marana, Ariz. |
| New Mexico Agricultural Experiment Station | Las Cruces, N. Mex. |
| Texas Agricultural Experiment Station: | |
| Far West Texas Research Station | El Paso, Tex. |

San Joaquin Valley Continuous Cotton Variety Test

California Agricultural Experiment Station:

Outlying tests, Frick Farm

Inco Farm
Cardoza Farm
Jessen Farm
San Juan Ranch
Ross Farm
Fisher Farm

Kern Lake, Calif.
Lemoore, Calif.
Tulare, Calif.
Kearney Park, Calif.
Dos Palos, Calif.
Riverdale, Calif.
Woodville, Calif.

High Quality Regional Cotton Variety Test

Upper Coastal Plain Experiment Station
Pee Dee Experiment Station
Coastal Plain Experiment Station
Georgia Agricultural Experiment Station
Tennessee Valley Substation
Northeast Louisiana Experiment Station
Delta Branch Experiment Station
Delta Center, Missouri Experiment Station
Texas Agricultural Experiment Station
West Tennessee Agricultural Experiment Station
Southeast Branch Experiment Station

Rocky Mount, N.C.
Florence, S.C.
Tifton, Ga.
Experiment, Ga.
Bella Mina, Ala.
St. Joseph, La.
Stoneville, Miss.
Portageville, Mo.
College Station, Tex.
Fort Pillow, Tenn.
Rohwer, Ark.

Pima Regional Cotton Variety Test

University of Arizona:

Cotton Research Center

Outlying tests, Wuertz Farm
Curtis Farm
Kempton Farm

Marana Experiment Station

Arizona State University

New Mexico Agricultural Experiment Station:

Outlying tests, Ginther Farm
Rickman Farm

Texas Agricultural Experiment Station:

Far West Texas Research Station
Outlying tests, Maros Farm
Trans-Pecos Experiment Station

Phoenix, Ariz.
Coolidge, Ariz.
Safford, Ariz.
Safford, Ariz.
Marana, Ariz.
Tempe, Ariz.

Las Cruces, N. Mex.
La Mesa, N. Mex.

El Paso, Tex.
Fabens, Tex.
Pecos, Tex.

DESIGN AND ANALYSIS

Data for the Regional Cotton Variety Tests are drawn from selected locations involved in the variety testing programs of 15 State agricultural experiment stations. For this reason, details of design, plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

The operations and measurements required for the development of data on yield and such other agronomic characters as boll size and lint percentage were performed by personnel at the cooperating stations. Fiber samples were sent to the U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn., where fiber and spinning tests were made. All data were assembled in the Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md., and analyzed with electronic computers by Biometrical Services of the ARS.

The number of replications for yield data ranged from four to eight, but a great majority of tests had six replications from each variety at all stations. Boll, seed, fiber, and spinning data were based on two replications from each variety at all stations. A randomized block analysis was employed, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple range method at the 0.05 level of probability.

EXPLANATION OF TABLE HEADINGS AND SYMBOLS

| | |
|--------------------------|--|
| Yield | The mean production of the plots harvested, expressed in pounds of lint per acre. |
| Boll Size | (a) Average weight, in grams, per boll of seed cotton. (b) The number of bolls of seed cotton required to weigh 1 pound. |
| Lint percent | The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton. |
| Seed index | The weight of 100 seed, in grams. |
| Span length | Length measured on the digital fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen where the initial starting point of the scanning in the test is considered 100 percent. |
| 50 percent span length | The length in inches in the test specimen spanned by 50 percent of the fibers scanned at the initial starting point. |
| 2.5 percent span length | The length in inches on the test specimen spanned by 2.5 percent of the fibers scanned at the initial starting point. The 2.5 percent span length approximates classer's samples. |
| 22's | The yarn strength of 22's (actually 27 tex) as determined from a small scale (50 g.) test. |
| Colorimeter measurements | These were determined by the Nickerson-Hunter Colorimeter (Spinlab model). |
| Reflectance (R_d) | R_d is a measure of the percentage of reflectance; the higher the value, the lighter is the cotton. |
| Yellowness (+b) | Hunter's +b value is a measure of increasing yellowness of the cotton. |
| Micronaire | The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) Micronaire units. |
| Drawing sliver length | Length measured on the Servo Fibrograph from samples taken from the second drawing sliver. |
| UHM (Upper half mean) | The length, in inches of the half of the fibers, by weight, that contains the longer fibers. Values for UHM approximate classer's staple and also 2.5 percent span length. |
| Mean | The average length, in inches, of all fibers longer than 1/4 inch. |

| | |
|-------|---|
| T_0 | The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed. Strength is expressed in terms of grams per tex. |
| Tex | A measuring unit for fibers, filaments, and yarns based on weight in grams of 100,000 meters of fiber or yarn (a tex equals 10 grex). |
| T_1 | The fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by a 1/8 inch spacer. Strength is expressed in terms of grams per tex. |
| E_1 | The percentage elongation at break of the center 1/8 inch of the fiber bundle measured for T_1 strength on the Stelometer. |

Arealometer measurements:

| | |
|---|---|
| A | "A" is a measure of the external surface area of the fibers of a given volume of fibrous material, expressed in terms of square millimeters per cubic millimeter of fibrous material. |
| D | Difference between the value of the specific area determined at high pressure (A_H) and the value of the specific area determined at standard pressure (the "A" measured above). "D" is presumably a measure of the flatness of the fiber ribbon; i.e., the higher the "D" value, the more ribbonlike are the fibers. |

Letters following means Means followed by the same letter cannot be considered significantly different at the 0.05 level of probability.

TEST RESULTS

The test results are presented in a series of tables designed to furnish reliable information on the performance of cotton varieties in experimental tests across the United States in 1966. No interpretation of these data, other than the indication of significant difference among means based on the analysis of variance, is presented in this publication.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each individual station.

In the regional summaries, each character is ranked separately in descending order and the significant difference among means is indicated. For easy examination, the mean performance of a variety for all measurements was retabulated into a single table for each region.

The mean performance of the stations, within each region, is also presented.

1966 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • YIELD • LB. LINT • PER ACRE | • • BOLL SIZE • GRAM • PER BOLL | • • NO. • PER LB. | • • LINT • PCT. | • • SEED • INDEX | • • SPAN • 50 • PCT. | • • LENGTH • 2.5 • PCT. | • • 22'S |
|----------------|--|--|-------------------------|-----------------------|------------------------|-------------------------------|----------------------------------|-------------|
| COKER 201 | 877 A | 6.82 | 67 | 38.5 | 11.8 | .53 | 1.14 | 117 |
| DIXIE KING II | 862 AB | 8.00 | 57 | 38.1 | 12.4 | .53 | 1.11 | 113 |
| AUBURN M | 856 AB | 7.14 | 64 | 36.2 | 13.4 | .52 | 1.11 | 112 |
| REX SMOOTHLEAF | 830 ABC | 7.38 | 62 | 36.6 | 13.5 | .53 | 1.13 | 112 |
| MC NAIR 1032 | 821 ABC | 6.01 | 76 | 37.7 | 11.2 | .53 | 1.09 | 121 |
| STONEVILLE 213 | 819 ABC | 6.27 | 73 | 38.0 | 11.4 | .53 | 1.12 | 112 |
| DELTAPINE 45A | 814 ABC | 6.33 | 72 | 38.2 | 11.8 | .53 | 1.11 | 115 |
| EMPIRE WR-61 | 794 BC | 8.13 | 56 | 37.1 | 14.1 | .52 | 1.11 | 115 |
| COKER 413 | 776 CD | 6.17 | 75 | 37.1 | 11.5 | .56 | 1.17 | 133 |
| DELTAPINE S.L. | 756 CD | 6.00 | 76 | 37.6 | 10.8 | .54 | 1.15 | 117 |
| PAYMASTER 54B | 705 D | 7.24 | 63 | 37.4 | 11.9 | .49 | 1.00 | 102 |
| ACALA 1517D | 704 D | 7.62 | 60 | 35.1 | 14.2 | .59 | 1.20 | 142 |
| STONFVILLE 7A | 701 D | 6.30 | 73 | 37.5 | 11.8 | .53 | 1.14 | 121 |

LOCATIONS COMBINING VARIETIES

| LOCATION | • • YIELD • LB. LINT • PER ACRE | • • BOLL SIZE • GRAM • PER BOLL | • • NO. • PER LB. | • • LINT • PCT. | • • SEED • INDEX | • • SPAN • 50 • PCT. | • • LENGTH • 2.5 • PCT. | • • 22'S |
|-----------------|--|--|-------------------------|-----------------------|------------------------|-------------------------------|----------------------------------|-------------|
| JACKSON, TENN. | 897 | 7.45 | 62 | 36.9 | 12.4 | .54 | 1.14 | 120 |
| SAND MT., ALA. | 695 | 7.58 | 61 | 39.3 | 13.0 | .56 | 1.14 | 120 |
| AUBURN, ALA. | 687 | 6.17 | 75 | 40.6 | 11.8 | .53 | 1.08 | 116 |
| EXPERIMENT, GA. | 1091 | 6.89 | 67 | 35.0 | 11.7 | .55 | 1.16 | 123 |
| TIFTON, GA. | 957 | 6.41 | 72 | 36.5 | 11.6 | .49 | 1.07 | 111 |
| FLORENCE, S.C. | 528 | 6.72 | 68 | 36.2 | 12.8 | .51 | 1.11 | 112 |
| ROCKY MT., N.C. | 700 | 6.93 | 66 | 36.8 | 12.7 | .54 | 1.15 | 122 |

BOLL SIZE, GRAM PER BOLL

| | |
|----------------|---------|
| EMPIRE WR-61 | 8.13 A |
| DIXIE KING II | 8.00 A |
| ACALA 1517D | 7.62 B |
| REX SMOOTHLEAF | 7.38 BC |
| PAYMASTER 54B | 7.24 C |
| AUBURN M | 7.14 C |
| COKER 201 | 6.82 D |
| DELTAPINE 45A | 6.33 E |
| STONEVILLE 7A | 6.30 EF |
| STONEVILLE 213 | 6.27 EF |
| COKER 413 | 6.17 EF |
| MC NAIR 1032 | 6.01 F |
| DELTAPINE S.L. | 6.00 F |

BOLL SIZE, NO. PER LB.

| | |
|----------------|-------|
| DELTAPINE S.L. | 76 A |
| MC NAIR 1032 | 76 A |
| COKER 413 | 75 AB |
| STONEVILLE 7A | 73 AB |
| STONEVILLE 213 | 73 AB |
| DELTAPINE 45A | 72 B |
| COKER 201 | 67 C |
| AUBURN M | 64 D |
| PAYMASTER 54B | 63 D |
| REX SMOOTHLEAF | 62 DE |
| ACALA 1517D | 60 E |
| DIXIE KING II | 57 F |
| EMPIRE WR-61 | 56 F |

1966 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • • | STELOMETER | | | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • | | | |
|----------------|-------------------------------|---|-------------|------------|------|------|---|--|----|-----|--|
| | | | | TO | T1 | E1 | | | | | |
| COKER 201 | 4.58 | 1.19 | .98 | 34.7 | 17.6 | 8.4 | 438 | 28 | 77 | 8.5 | |
| DIXIE KING II | 4.51 | 1.14 | .95 | 35.0 | 16.9 | 7.8 | 439 | 27 | 76 | 8.4 | |
| AUBURN M | 4.39 | 1.15 | .95 | 33.0 | 17.1 | 9.6 | 447 | 34 | 77 | 8.1 | |
| REX SMOOTHLEAF | 4.28 | 1.18 | .96 | 33.5 | 17.0 | 9.0 | 454 | 32 | 77 | 7.9 | |
| MC NAIR 1032 | 4.55 | 1.12 | .94 | 36.0 | 18.6 | 8.9 | 438 | 26 | 75 | 8.9 | |
| STONEVILLE 213 | 4.69 | 1.16 | .97 | 32.6 | 17.0 | 9.5 | 437 | 28 | 77 | 8.5 | |
| DELTAPINE 45A | 4.56 | 1.16 | .97 | 32.9 | 17.9 | 9.8 | 436 | 31 | 76 | 8.1 | |
| EMPIRE WR-61 | 4.20 | 1.16 | .95 | 35.1 | 17.2 | 8.0 | 458 | 35 | 77 | 8.0 | |
| COKER 413 | 4.26 | 1.22 | 1.02 | 37.2 | 18.8 | 7.8 | 457 | 36 | 76 | 8.6 | |
| DELTAPINE S.L. | 4.48 | 1.21 | 1.00 | 32.4 | 17.9 | 11.4 | 440 | 30 | 77 | 8.1 | |
| PAYMASTER 54B | 4.41 | 1.01 | .85 | 29.7 | 15.9 | 11.0 | 445 | 28 | 76 | 8.2 | |
| ACALA 1517D | 4.22 | 1.25 | 1.08 | 37.0 | 20.3 | 9.0 | 456 | 29 | 77 | 8.0 | |
| STONEVILLE 7A | 4.60 | 1.20 | .99 | 36.5 | 18.2 | 8.0 | 429 | 26 | 77 | 8.5 | |

LOCATIONS COMBINING VARIETIES

| LOCATION | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • • | STELOMETER | | | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • | | | |
|-----------------|-------------------------------|---|-------------|------------|------|-----|---|--|----|-----|--|
| | | | | TO | T1 | E1 | | | | | |
| JACKSON, TENN. | 4.52 | 1.20 | .98 | 34.6 | 17.7 | 8.8 | 438 | 26 | 75 | 8.0 | |
| SAND MT., ALA. | 4.60 | 1.19 | .97 | 33.9 | 17.4 | 9.3 | 439 | 30 | 78 | 7.9 | |
| AUBURN, ALA. | 4.92 | 1.10 | .94 | 37.3 | 18.1 | 8.6 | 408 | 19 | 77 | 9.6 | |
| EXPERIMENT, GA. | 4.02 | 1.20 | 1.03 | 32.8 | 18.0 | 9.5 | 472 | 41 | 77 | 8.6 | |
| TIFTON, GA. | 4.43 | 1.13 | .93 | 33.8 | 17.6 | 8.7 | 435 | 25 | 73 | 7.8 | |
| FLORENCE, S.C. | 4.58 | 1.17 | .97 | 33.2 | 17.3 | 9.7 | 439 | 30 | 77 | 7.9 | |
| ROCKY MT., N.C. | 4.02 | 1.17 | .97 | 34.5 | 17.8 | 9.0 | 478 | 40 | 78 | 8.1 | |

LINT PCT.

| | | |
|----------------|------|-----|
| COKER 201 | 38.5 | A |
| DELTAPINE 45A | 38.2 | AB |
| DIXIE KING II | 38.1 | AB |
| STONEVILLE 213 | 38.0 | ABC |
| MC NAIR 1032 | 37.7 | ABC |
| DELTAPINE S.L. | 37.6 | ABC |
| STONEVILLE 7A | 37.5 | BCD |
| PAYMASTER 54B | 37.4 | BCD |
| EMPIRE WR-61 | 37.1 | CDE |
| COKER 413 | 37.1 | CDE |
| REX SMOOTHLEAF | 36.6 | DE |
| AUBURN M | 36.2 | E |
| ACALA 1517D | 35.1 | F |

SEED INDEX

| | | |
|----------------|------|-----|
| ACALA 1517D | 14.2 | A |
| EMPIRE WR-61 | 14.1 | A |
| REX SMOOTHLEAF | 13.5 | B |
| AUBURN M | 13.4 | B |
| DIXIE KING II | 12.4 | C |
| PAYMASTER 54B | 11.9 | D |
| STONEVILLE 7A | 11.8 | DE |
| COKER 201 | 11.8 | DE |
| DELTAPINE 45A | 11.8 | DE |
| COKER 413 | 11.5 | DEF |
| STONEVILLE 213 | 11.4 | EF |
| MC NAIR 1032 | 11.2 | F |
| DELTAPINE S.L. | 10.8 | G |

1966 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

| SPAN LENGTH, 50 PCT. | | SPAN LENGTH, 2.5 PCT. | | 22'S | |
|----------------------|-------|-----------------------|----------|----------------|--------|
| ACALA 1517D | .59 A | ACALA 1517D | 1.20 A | ACALA 1517D | 142 A |
| COKER 413 | .56 B | COKER 413 | 1.17 B | COKER 413 | 133 B |
| DELTAPINE S.L. | .54 C | DELTAPINE S.L. | 1.15 BC | STONEVILLE 7A | 121 C |
| DIXIE KING 11 | .53 C | STONEVILLE 7A | 1.14 CD | MC NAIR 1032 | 121 C |
| STONEVILLE 7A | .53 C | COKER 201 | 1.14 CD | DELTAPINE S.L. | 117 D |
| COKER 201 | .53 C | REX SMOOTHLEAF | 1.13 CD | COKER 201 | 117 D |
| REX SMOOTHLEAF | .53 C | STONEVILLE 213 | 1.12 CDE | EMPIRE WR-61 | 115 DE |
| STONEVILLE 213 | .53 C | DIXIE KING 11 | 1.11 DE | DELTAPINE 45A | 115 DE |
| DELTAPINE 45A | .53 C | EMPIRE WR-61 | 1.11 DE | DIXIE KING 11 | 113 E |
| MC NAIR 1032 | .53 C | AUBURN M | 1.11 DE | REX SMOOTHLEAF | 112 E |
| EMPIRE WR-61 | .52 C | DELTAPINE 45A | 1.11 DE | AUBURN M | 112 E |
| AUBURN M | .52 C | MC NAIR 1032 | 1.09 E | STONEVILLE 213 | 112 E |
| PAYMASTER 54B | .49 D | PAYMASTER 54B | 1.00 F | PAYMASTER 54B | 102 F |

| MICRONAIRE | | | DRAWING SLIVER, UHM | | | DRAWING SLIVER, MEAN | | |
|----------------|------|-----|---------------------|------|-----|----------------------|------|-----|
| STONEVILLE 213 | 4.69 | A | ACALA 1517D | 1.25 | A | ACALA 1517D | 1.08 | A |
| STONEVILLE 7A | 4.60 | AB | COKER 413 | 1.22 | B | COKER 413 | 1.02 | B |
| COKER 201 | 4.58 | AB | DELTAPINE S.L. | 1.21 | BC | DELTAPINE S.L. | 1.00 | BC |
| DELTAPINE 45A | 4.56 | AB | STONEVILLE 7A | 1.20 | BCD | STONEVILLE 7A | .99 | CD |
| MC NAIR 1032 | 4.55 | B | COKER 201 | 1.19 | CD | COKER 201 | .98 | CDE |
| DIXIE KING II | 4.51 | BC | REX SMOOTHLEAF | 1.18 | DE | STONEVILLE 213 | .97 | DEF |
| DELTAPINE S.L. | 4.48 | BC | EMPIRE WR-61 | 1.16 | EF | DELTAPINE 45A | .97 | DEF |
| PAYMASTER 54B | 4.41 | CD | STONEVILLE 213 | 1.16 | EF | REX SMOOTHLEAF | .96 | EFG |
| AUBURN M | 4.39 | CDE | DELTAPINE 45A | 1.16 | EF | DIXIE KING II | .95 | FG |
| REX SMOOTHLEAF | 4.28 | DEF | AUBURN M | 1.15 | F | EMPIRE WR-61 | .95 | FG |
| COKER 413 | 4.26 | EF | DIXIE KING II | 1.14 | FG | AUBURN M | .95 | FG |
| ACALA 1517D | 4.22 | F | MC NAIR 1032 | 1.12 | G | MC NAIR 1032 | .94 | G |
| EMPIRE WR-61 | 4.20 | F | PAYMASTER 54B | 1.01 | H | PAYMASTER 54B | .85 | H |

| STELOMETER - TO | | |
|-----------------|------|----|
| COKER 413 | 37.2 | A |
| ACALA 1517D | 37.0 | A |
| STONEVILLE 7A | 36.5 | AB |
| MC NAIR 1032 | 36.0 | B |
| EMPIRE WR-61 | 35.1 | C |
| DIXIE KING II | 35.0 | C |
| COKER 201 | 34.7 | C |
| REX SMOOTHLEAF | 33.5 | D |
| AUBURN M | 33.0 | DE |
| DELTAPINE 45A | 32.9 | DE |
| STONEVILLE 213 | 32.6 | E |
| DELTAPINE S.L. | 32.4 | E |
| PAYMASTER 54B | 29.7 | F |

| STELOMETER - T1 | | |
|-----------------|------|----|
| ACALA 1517D | 20.3 | A |
| COKER 413 | 18.8 | B |
| MC NAIR 1032 | 18.6 | BC |
| STONEVILLE 7A | 18.2 | CD |
| DELTAPINE S.L. | 17.9 | DE |
| DELTAPINE 45A | 17.9 | DE |
| COKER 201 | 17.6 | EF |
| EMPIRE WR-61 | 17.2 | FG |
| AUBURN M | 17.1 | G |
| REX SMOOTHLEAF | 17.0 | G |
| STONEVILLE 213 | 17.0 | G |
| DIXIE KING 11 | 16.9 | G |
| PAYMASTER 54B | 15.9 | H |

1966 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

| | | |
|----------------|------|---|
| DELTAPINE S.L. | 11.4 | A |
| PAYMASTER 54B | 11.0 | B |
| DELTAPINE 45A | 9.8 | C |
| AUBURN M | 9.6 | C |
| STONEVILLE 213 | 9.5 | C |
| ACALA 1517D | 9.0 | D |
| REX SMOOTHLEAF | 9.0 | D |
| MC NAIR 1032 | 8.9 | D |
| COKER 201 | 8.4 | E |
| EMPIRE WR-61 | 8.0 | F |
| STONEVILLE 7A | 8.0 | F |
| DIXIE KING II | 7.8 | F |
| COKER 413 | 7.8 | F |

AREALOMETER - A

| | | |
|----------------|-----|-----|
| EMPIRE WR-61 | 458 | A |
| COKER 413 | 457 | A |
| ACALA 1517D | 456 | A |
| REX SMOOTHLEAF | 454 | AB |
| AUBURN M | 447 | ABC |
| PAYMASTER 54B | 445 | ABC |
| DELTAPINE S.L. | 440 | BCD |
| DIXIE KING II | 439 | BCD |
| COKER 201 | 438 | CD |
| MC NAIR 1032 | 438 | CD |
| STONEVILLE 213 | 437 | CD |
| DELTAPINE 45A | 436 | CD |
| STONEVILLE 7A | 429 | D |

AREALOMETER - D

| | | |
|----------------|----|------|
| COKER 413 | 36 | A |
| EMPIRE WR-61 | 35 | AB |
| AUBURN M | 34 | ABC |
| REX SMOOTHLEAF | 32 | ABCD |
| DELTAPINE 45A | 31 | ABCD |
| DELTAPINE S.L. | 30 | ABCD |
| ACALA 1517D | 29 | BCD |
| PAYMASTER 54B | 28 | CD |
| COKER 201 | 28 | CD |
| STONEVILLE 213 | 28 | CD |
| DIXIE KING II | 27 | CD |
| STONEVILLE 7A | 26 | D |
| MC NAIR 1032 | 26 | D |

COLORIMETER - RD

| | | |
|----------------|----|----|
| ACALA 1517D | 77 | A |
| DELTAPINE S.L. | 77 | A |
| EMPIRE WR-61 | 77 | A |
| STONEVILLE 7A | 77 | A |
| COKER 201 | 77 | A |
| REX SMOOTHLEAF | 77 | A |
| AUBURN M | 77 | A |
| STONEVILLE 213 | 77 | A |
| DIXIE KING II | 76 | AB |
| PAYMASTER 54B | 76 | AB |
| DELTAPINE 45A | 76 | AB |
| COKER 413 | 76 | AB |
| MC NAIR 1032 | 75 | B |

COLORIMETER - B

| | | |
|----------------|-----|------|
| MC NAIR 1032 | 8.9 | A |
| COKER 413 | 8.6 | AB |
| STONEVILLE 7A | 8.5 | ABC |
| COKER 201 | 8.5 | ABC |
| STONEVILLE 213 | 8.5 | ABC |
| DIXIE KING II | 8.4 | BCD |
| PAYMASTER 54B | 8.2 | BCDE |
| DELTAPINE S.L. | 8.1 | CDE |
| AUBURN M | 8.1 | CDE |
| DELTAPINE 45A | 8.1 | CDE |
| ACALA 1517D | 8.0 | DE |
| EMPIRE WR-61 | 8.0 | DE |
| REX SMOOTHLEAF | 7.9 | E |

1966 EASTERN REGIONAL COTTON VARIETY TEST

| VARIETY | • YIELD | | • BOLL SIZE | | • LINT | • SEED | • SPAN LENGTH | | • 22'S | | |
|---------------------|---------|--------|-------------|-------|--------|--------|---------------|-------|--------|------|-----|
| | • LB. | • LINT | • GRAM | • NO. | | | • PER | • PER | | • 50 | 2.5 |
| | | | | | | | | | | | |
| JACKSON, TENN. | | | | | | | | | | | |
| REX SMOOTHLEAF | 974 | A | 7.91 | 58 | 36.2 | 13.0 | .52 | 1.15 | 114 | | |
| COKER 201 | 953 | A | 7.25 | 63 | 38.3 | 12.1 | .53 | 1.18 | 119 | | |
| DIXIE KING II | 932 | AB | 8.64 | 53 | 38.1 | 12.6 | .51 | 1.09 | 115 | | |
| MC NAIR 1032 | 930 | AB | 6.49 | 70 | 37.8 | 10.8 | .53 | 1.08 | 121 | | |
| DELTAPINE 45A | 930 | AB | 6.80 | 67 | 37.0 | 12.2 | .56 | 1.15 | 115 | | |
| EMPIRE WR-61 | 907 | ABC | 8.92 | 51 | 37.2 | 13.8 | .51 | 1.12 | 117 | | |
| STONEVILLE 213 | 902 | ABC | 6.71 | 68 | 36.6 | 11.9 | .54 | 1.15 | 115 | | |
| AUBURN M | 901 | ABC | 7.51 | 60 | 36.0 | 13.2 | .55 | 1.15 | 111 | | |
| STONEVILLE 7A | 867 | BC | 6.68 | 68 | 35.4 | 12.4 | .57 | 1.21 | 124 | | |
| ACALA 1517D | 865 | BC | 8.38 | 54 | 35.6 | 14.3 | .61 | 1.22 | 148 | | |
| DELTAPINE S.L. | 862 | BC | 6.78 | 68 | 36.7 | 11.3 | .57 | 1.19 | 120 | | |
| COKER 413 | 849 | CD | 7.13 | 64 | 36.6 | 11.8 | .57 | 1.20 | 136 | | |
| PAYMASTER 54B | 786 | D | 7.74 | 59 | 37.9 | 12.0 | .50 | 1.01 | 106 | | |
| SAND MOUNTAIN, ALA. | | | | | | | | | | | |
| EMPIRE WR-61 | 842 | A | 8.75 | 52 | 39.8 | 14.2 | .56 | 1.13 | 116 | | |
| REX SMOOTHLEAF | 794 | A | 7.75 | 59 | 38.7 | 14.0 | .56 | 1.16 | 113 | | |
| AUBURN M | 776 | A | 8.00 | 57 | 37.6 | 14.3 | .56 | 1.14 | 115 | | |
| ACALA 1517D | 773 | A | 8.55 | 53 | 37.0 | 14.5 | .64 | 1.23 | 148 | | |
| DIXIE KING II | 751 | AB | 8.80 | 52 | 40.8 | 12.9 | .55 | 1.13 | 116 | | |
| COKER 201 | 715 | AB | 7.45 | 61 | 40.7 | 12.6 | .57 | 1.18 | 121 | | |
| STONEVILLE 213 | 705 | AB | 7.00 | 65 | 39.5 | 12.0 | .56 | 1.15 | 115 | | |
| DELTAPINE 45A | 667 | AB | 7.10 | 64 | 40.9 | 12.4 | .55 | 1.14 | 117 | | |
| PAYMASTER 54B | 653 | AB | 7.75 | 59 | 38.0 | 12.6 | .51 | 1.01 | 104 | | |
| MC NAIR 1032 | 635 | AB | 6.80 | 67 | 39.3 | 12.6 | .56 | 1.10 | 121 | | |
| COKER 413 | 621 | AB | 6.85 | 67 | 39.5 | 12.0 | .58 | 1.19 | 132 | | |
| DELTAPINE S.L. | 594 | AB | 6.65 | 69 | 40.3 | 11.6 | .55 | 1.14 | 115 | | |
| STONEVILLE 7A | 509 | B | 7.05 | 65 | 38.6 | 13.2 | .57 | 1.18 | 123 | | |
| AUBURN, ALA. | | | | | | | | | | | |
| COKER 201 | 824 | A | 6.50 | 70 | 41.8 | 11.8 | .54 | 1.12 | 116 | | |
| DIXIE KING II | 750 | AB | 7.60 | 60 | 41.2 | 11.8 | .51 | 1.07 | 110 | | |
| DELTAPINE 45A | 747 | AB | 5.65 | 81 | 41.4 | 11.5 | .52 | 1.05 | 111 | | |
| AUBURN M | 735 | ABC | 6.25 | 73 | 40.0 | 12.5 | .52 | 1.06 | 114 | | |
| REX SMOOTHLEAF | 734 | ABC | 6.90 | 66 | 40.6 | 12.9 | .53 | 1.07 | 108 | | |
| EMPIRE WR-61 | 716 | ABC | 7.30 | 62 | 40.6 | 13.6 | .53 | 1.07 | 112 | | |
| MC NAIR 1032 | 696 | BC | 5.75 | 79 | 40.2 | 11.4 | .51 | 1.02 | 118 | | |
| PAYMASTER 54B | 657 | BC | 6.30 | 72 | 42.4 | 11.1 | .49 | 1.01 | 104 | | |
| STONEVILLE 7A | 650 | BC | 5.65 | 81 | 41.5 | 10.7 | .51 | 1.08 | 115 | | |
| DELTAPINE S.L. | 644 | BC | 5.40 | 84 | 40.8 | 10.4 | .55 | 1.11 | 116 | | |
| STONEVILLE 213 | 644 | BC | 5.65 | 81 | 41.8 | 10.8 | .50 | 1.05 | 109 | | |
| COKER 413 | 618 | CD | 5.30 | 86 | 38.7 | 11.5 | .58 | 1.16 | 137 | | |
| ACALA 1517D | 513 | D | 5.95 | 77 | 36.7 | 13.8 | .61 | 1.20 | 147 | | |
| EXPERIMENT, GA. | | | | | | | | | | | |
| COKER 201 | 1245 | A | 6.70 | 68 | 36.3 | 11.1 | .54 | 1.15 | 121 | | |
| AUBURN M | 1184 | AB | 6.88 | 66 | 34.3 | 12.4 | .55 | 1.16 | 118 | | |
| DIXIE KING II | 1183 | AB | 7.72 | 59 | 35.4 | 12.0 | .55 | 1.16 | 118 | | |
| EMPIRE WR-61 | 1171 | AB | 8.15 | 56 | 35.6 | 13.2 | .53 | 1.13 | 119 | | |
| STONEVILLE 213 | 1142 | ABC | 6.38 | 71 | 34.7 | 11.2 | .56 | 1.18 | 117 | | |
| REX SMOOTHLEAF | 1132 | ABC | 7.56 | 60 | 34.5 | 12.9 | .56 | 1.16 | 120 | | |
| DELTAPINE 45A | 1090 | BCD | 6.27 | 73 | 34.8 | 11.7 | .56 | 1.16 | 121 | | |
| COKER 413 | 1062 | BCDE | 6.00 | 76 | 35.2 | 10.8 | .56 | 1.18 | 137 | | |
| PAYMASTER 54B | 1024 | CDE | 7.46 | 61 | 35.4 | 11.5 | .51 | 1.05 | 105 | | |
| ACALA 1517D | 1024 | CDE | 8.55 | 53 | 35.2 | 13.6 | .57 | 1.16 | 138 | | |
| MC NAIR 1032 | 1001 | DE | 5.54 | 82 | 34.9 | 10.5 | .59 | 1.18 | 129 | | |
| DELTAPINE S.L. | 987 | DE | 5.94 | 77 | 34.0 | 10.4 | .55 | 1.20 | 129 | | |
| STONEVILLE 7A | 938 | E | 6.46 | 71 | 34.8 | 11.6 | .57 | 1.21 | 131 | | |

1966 EASTERN REGIONAL COTTON VARIETY TEST

| VARIETY | MICRO- NAIRE | DRAWING SLIVER UHM MEAN | STELOMETER TO T1 E1 | AREALO- METER A D | COLORI- METER RD B |
|----------------------------|-----------------|-------------------------------|------------------------|-------------------------|--------------------------|
| <u>JACKSON, TENN.</u> | | | | | |
| REX SMOOTHLEAF | 4.33 | 1.21 | .95 34.2 18.6 8.7 | 449 28 | 77 7.8 |
| COKER 201 | 4.63 | 1.22 | 1.00 35.3 18.4 7.9 | 430 21 | 76 8.5 |
| DIXIE KING II | 4.68 | 1.18 | .95 36.1 16.7 7.8 | 417 21 | 73 7.8 |
| MC NAIR 1032 | 4.82 | 1.12 | .93 36.6 18.5 8.8 | 416 17 | 71 8.0 |
| DELTAPINE 45A | 4.58 | 1.21 | .99 31.9 17.6 9.9 | 432 25 | 74 7.5 |
| EMPIRE WR-61 | 4.19 | 1.20 | .98 35.2 16.9 7.7 | 455 34 | 77 7.3 |
| STONEVILLE 213 | 4.71 | 1.20 | .97 33.6 17.4 9.2 | 452 36 | 77 7.8 |
| AUBURN M | 4.54 | 1.17 | .94 33.2 16.7 9.1 | 436 22 | 75 7.5 |
| STONEVILLE 7A | 4.50 | 1.25 | 1.01 36.3 17.8 7.8 | 436 26 | 76 8.5 |
| ACALA 1517D | 4.35 | 1.27 | 1.12 38.6 20.8 8.3 | 442 28 | 73 8.0 |
| DELTAPINE S.L. | 4.50 | 1.24 | 1.02 31.2 17.8 11.5 | 438 26 | 75 8.5 |
| COKER 413 | 4.38 | 1.28 | 1.05 37.4 18.6 7.7 | 445 27 | 74 8.3 |
| PAYMASTER 54B | 4.52 | 1.03 | .85 29.9 16.1 10.7 | 450 29 | 76 8.5 |
| <u>SAND MOUNTAIN, ALA.</u> | | | | | |
| EMPIRE WR-61 | 4.41 | 1.19 | .96 34.3 17.2 8.1 | 449 40 | 78 7.5 |
| REX SMOOTHLEAF | 4.36 | 1.20 | .95 33.3 17.1 9.0 | 470 18 | 78 7.5 |
| AUBURN M | 4.46 | 1.18 | .95 31.9 16.6 9.8 | 456 42 | 78 7.8 |
| ACALA 1517D | 4.30 | 1.28 | 1.08 36.8 19.7 9.2 | 453 31 | 78 7.0 |
| DIXIE KING II | 4.64 | 1.17 | .96 35.0 16.4 8.3 | 434 31 | 78 8.8 |
| COKER 201 | 4.89 | 1.21 | .97 35.7 17.7 8.6 | 423 29 | 78 8.3 |
| STONEVILLE 213 | 4.92 | 1.19 | .97 32.0 16.5 9.7 | 419 27 | 78 8.0 |
| DELTAPINE 45A | 4.79 | 1.18 | .96 32.9 17.8 10.1 | 438 28 | 78 8.0 |
| PAYMASTER 54B | 4.39 | 1.04 | .86 28.9 15.9 11.6 | 449 29 | 78 7.5 |
| MC NAIR 1032 | 4.84 | 1.15 | .94 35.6 18.5 9.3 | 417 15 | 77 8.8 |
| COKER 413 | 4.24 | 1.25 | 1.01 36.5 18.7 8.2 | 465 47 | 78 8.5 |
| DELTAPINE S.L. | 4.67 | 1.22 | .99 31.9 17.3 11.6 | 427 29 | 78 7.3 |
| STONEVILLE 7A | 4.85 | 1.23 | .99 35.7 17.6 8.1 | 413 25 | 78 8.3 |
| <u>AUBURN, ALA.</u> | | | | | |
| COKER 201 | 5.10 | 1.14 | .95 37.9 18.0 7.9 | 398 17 | 77 9.5 |
| DIXIE KING II | 4.98 | 1.10 | .91 39.0 17.7 7.0 | 402 20 | 78 9.5 |
| DELTAPINE 45A | 5.17 | 1.08 | .93 35.2 18.2 9.5 | 380 17 | 77 10.0 |
| AUBURN M | 4.64 | 1.08 | .91 36.3 18.1 9.2 | 424 27 | 78 9.3 |
| REX SMOOTHLEAF | 4.87 | 1.10 | .93 36.5 17.2 8.6 | 410 20 | 78 9.5 |
| EMPIRE WR-61 | 4.83 | 1.09 | .92 39.4 17.3 7.7 | 412 15 | 77 9.8 |
| MC NAIR 1032 | 5.02 | 1.06 | .91 38.6 18.5 8.2 | 406 18 | 78 10.0 |
| PAYMASTER 54B | 4.88 | .96 | .82 33.2 15.9 10.1 | 409 18 | 78 8.8 |
| STONEVILLE 7A | 5.09 | 1.13 | .95 40.5 18.1 7.6 | 396 19 | 77 10.0 |
| DELTAPINE S.L. | 5.15 | 1.15 | .96 35.1 18.3 11.2 | 391 11 | 78 9.3 |
| STONEVILLE 213 | 5.27 | 1.11 | .93 35.6 17.8 8.9 | 387 16 | 77 9.8 |
| COKER 413 | 4.45 | 1.17 | 1.01 38.6 19.2 7.4 | 451 27 | 79 10.0 |
| ACALA 1517D | 4.50 | 1.21 | 1.06 39.7 21.6 8.5 | 439 21 | 78 9.0 |
| <u>EXPERIMENT, GA.</u> | | | | | |
| COKER 201 | 4.05 | 1.22 | 1.05 32.9 17.7 9.1 | 467 44 | 77 8.5 |
| AUBURN M | 3.90 | 1.18 | 1.02 32.2 17.7 9.7 | 470 39 | 77 8.0 |
| DIXIE KING II | 4.13 | 1.17 | 1.01 33.0 16.9 8.5 | 471 35 | 77 9.3 |
| EMPIRE WR-61 | 3.75 | 1.17 | 1.01 33.1 17.6 8.5 | 491 44 | 77 8.5 |
| STONEVILLE 213 | 4.20 | 1.23 | 1.05 31.0 17.2 9.8 | 469 37 | 78 9.5 |
| REX SMOOTHLEAF | 4.04 | 1.22 | 1.03 32.1 17.5 9.4 | 483 51 | 79 8.5 |
| DELTAPINE 45A | 4.06 | 1.19 | 1.03 31.1 17.7 10.3 | 468 41 | 77 8.8 |
| COKER 413 | 4.06 | 1.26 | 1.11 35.5 19.0 8.2 | 486 44 | 77 8.8 |
| PAYMASTER 54B | 3.84 | 1.04 | .89 28.6 16.2 10.8 | 468 34 | 77 8.3 |
| ACALA 1517D | 3.83 | 1.21 | 1.06 35.8 20.2 10.4 | 456 31 | 79 8.8 |
| MC NAIR 1032 | 4.07 | 1.18 | 1.02 34.4 18.6 9.4 | 482 51 | 77 8.8 |
| DELTAPINE S.L. | 4.04 | 1.26 | 1.09 32.1 18.6 11.6 | 480 47 | 77 8.3 |
| STONEVILLE 7A | 4.28 | 1.27 | 1.11 35.3 19.3 8.3 | 452 32 | 77 8.5 |

1966 EASTERN REGIONAL COTTON VARIETY TEST

| VARIETY | • BOLL SIZE • | | | | | | | | |
|---------|---------------|----------|---------|----------|-----------|-----------------|----------|--|--|
| | • YIELD • | • GRAM • | • NO. • | • LINT • | • SEED • | • SPAN LENGTH • | | | |
| | • LB. LINT • | • PER • | • PER • | • PCT. • | • INDEX • | • 50 2.5 • | • 22'S • | | |
| | • PER ACRE • | • BOLL • | • LB. • | • • | • • | • PCT. PCT. • | | | |

TIFTON, GA.

| | | | | | | | | |
|----------------|----------|------|----|------|------|-----|------|-----|
| DIXIE KING II | 1124 A | 7.31 | 62 | 37.0 | 11.7 | .50 | 1.07 | 105 |
| STONEVILLE 213 | 1053 AB | 5.84 | 78 | 37.8 | 10.7 | .48 | 1.05 | 107 |
| COKER 413 | 1048 AB | 5.63 | 81 | 36.5 | 10.7 | .52 | 1.13 | 124 |
| AUBURN M | 1009 AB | 6.59 | 69 | 35.1 | 12.6 | .48 | 1.08 | 104 |
| DELTAPINE S.L. | 1000 ABC | 5.60 | 82 | 37.5 | 10.0 | .50 | 1.11 | 109 |
| COKER 201 | 983 BCD | 6.33 | 72 | 37.5 | 11.1 | .51 | 1.10 | 111 |
| REX SMOOTHLEAF | 983 BCD | 7.16 | 64 | 35.1 | 13.1 | .47 | 1.07 | 104 |
| MC NAIR 1032 | 969 BCD | 5.32 | 86 | 37.3 | 10.7 | .48 | 1.02 | 113 |
| DELTAPINE 45A | 956 BCDE | 6.07 | 75 | 38.1 | 11.0 | .50 | 1.07 | 109 |
| EMPIRE WR-61 | 877 CDE | 7.74 | 59 | 35.6 | 13.6 | .47 | 1.05 | 111 |
| STONEVILLE 7A | 857 DEF | 6.13 | 74 | 38.0 | 10.9 | .53 | 1.09 | 116 |
| PAYMASTER 54B | 834 EF | 6.62 | 69 | 35.0 | 11.0 | .46 | .96 | 98 |
| ACALA 1517D | 752 F | 6.96 | 65 | 33.5 | 13.4 | .55 | 1.15 | 131 |

FLORENCE, S.C.

| | | | | | | | | |
|----------------|--------|------|----|------|------|-----|------|-----|
| MC NAIR 1032 | 662 A | 6.04 | 76 | 37.0 | 11.7 | .52 | 1.10 | 116 |
| COKER 201 | 648 A | 6.71 | 68 | 37.5 | 12.0 | .53 | 1.12 | 111 |
| AUBURN M | 627 AB | 7.31 | 62 | 35.4 | 14.5 | .50 | 1.06 | 107 |
| DELTAPINE 45A | 597 AB | 6.22 | 73 | 36.9 | 11.6 | .50 | 1.08 | 112 |
| STONEVILLE 213 | 585 AB | 6.22 | 73 | 37.7 | 11.6 | .53 | 1.14 | 107 |
| DIXIE KING II | 550 BC | 7.94 | 57 | 37.3 | 13.1 | .54 | 1.13 | 109 |
| REX SMOOTHLEAF | 491 CD | 7.12 | 64 | 35.3 | 14.5 | .54 | 1.15 | 108 |
| STONEVILLE 7A | 490 CD | 5.99 | 76 | 36.8 | 12.0 | .48 | 1.10 | 115 |
| COKER 413 | 485 CD | 5.81 | 79 | 36.1 | 11.8 | .55 | 1.17 | 128 |
| DELTAPINE S.L. | 481 CD | 5.77 | 79 | 36.9 | 10.8 | .50 | 1.11 | 113 |
| ACALA 1517D | 434 D | 7.31 | 62 | 33.3 | 15.1 | .57 | 1.21 | 136 |
| PAYMASTER 54B | 412 D | 7.22 | 63 | 35.8 | 12.3 | .45 | .94 | 92 |
| EMPIRE WR-61 | 401 D | 7.71 | 59 | 35.3 | 15.4 | .53 | 1.13 | 111 |

ROCKY MOUNT, N.C.

| | | | | | | | | |
|----------------|--------|------|----|------|------|-----|------|-----|
| MC NAIR 1032 | 855 A | 6.12 | 75 | 37.8 | 11.1 | .55 | 1.11 | 130 |
| COKER 201 | 773 B | 6.84 | 67 | 37.6 | 12.3 | .54 | 1.16 | 121 |
| AUBURN M | 762 B | 7.45 | 61 | 35.4 | 14.2 | .53 | 1.14 | 116 |
| COKER 413 | 752 B | 6.51 | 70 | 37.1 | 12.0 | .56 | 1.20 | 136 |
| DIXIE KING II | 746 B | 7.98 | 57 | 36.9 | 13.0 | .55 | 1.13 | 118 |
| DELTAPINE 45A | 713 BC | 6.24 | 73 | 38.2 | 11.9 | .55 | 1.15 | 120 |
| STONEVILLE 213 | 704 BC | 6.12 | 75 | 37.7 | 11.5 | .53 | 1.11 | 114 |
| REX SMOOTHLEAF | 702 BC | 7.27 | 63 | 36.0 | 14.2 | .53 | 1.16 | 114 |
| EMPIRE WR-61 | 641 CD | 8.33 | 54 | 35.9 | 15.0 | .55 | 1.17 | 122 |
| STONEVILLE 7A | 597 D | 6.15 | 74 | 37.2 | 11.8 | .53 | 1.15 | 121 |
| PAYMASTER 54B | 568 D | 7.63 | 60 | 37.2 | 12.6 | .50 | 1.02 | 104 |
| ACALA 1517D | 567 D | 7.67 | 60 | 34.6 | 14.9 | .60 | 1.25 | 145 |

1966 EASTERN REGIONAL COTTON VARIETY TEST

| VARIETY | • • • • | • • • • | DRAWING | | | STELOMETER | | | AREALO- | | COLORI- | |
|--------------------|------------------|------------------|------------------|--------|------------------|------------------|------------------|------------------|---------|------------------|---------|------------------|
| | | | • • • • | SLIVER | • • • • | • • • • | • • • • | • • • • | METER | • • • • | METER | • • • • |
| | NAIRE | UHM | MEAN | TO | T1 | E1 | A | D | RD | B | | |
| <u>TIFTON, GA.</u> | | | | | | | | | | | | |
| DIXIE KING II | 4.48 | 1.09 | .92 | 34.4 | 17.2 | 7.4 | 435 | 25 | 72 | 7.5 | | |
| STONEVILLE 213 | 4.62 | 1.11 | .94 | 31.6 | 16.5 | 9.7 | 434 | 23 | 71 | 8.3 | | |
| COKER 413 | 4.35 | 1.18 | .98 | 37.1 | 18.6 | 7.3 | 412 | 24 | 72 | 7.5 | | |
| AUBURN M | 4.38 | 1.11 | .92 | 31.5 | 16.7 | 9.4 | 448 | 30 | 74 | 8.0 | | |
| DELTAPINE S.L. | 4.44 | 1.16 | .94 | 32.2 | 17.9 | 10.9 | 432 | 23 | 73 | 7.8 | | |
| COKER 201 | 4.54 | 1.15 | .93 | 34.1 | 17.3 | 8.2 | 431 | 25 | 73 | 8.0 | | |
| REX SMOOTHLEAF | 4.33 | 1.15 | .92 | 33.8 | 17.4 | 8.3 | 430 | 27 | 73 | 7.0 | | |
| MC NAIR 1032 | 4.33 | 1.08 | .92 | 36.0 | 18.7 | 8.1 | 433 | 19 | 73 | 8.3 | | |
| DELTAPINE 45A | 4.68 | 1.14 | .95 | 32.2 | 17.7 | 9.5 | 419 | 21 | 72 | 7.3 | | |
| EMPIRE WR-61 | 4.12 | 1.15 | .94 | 34.9 | 17.6 | 7.9 | 456 | 34 | 74 | 8.0 | | |
| STONEVILLE 7A | 4.62 | 1.18 | .96 | 36.8 | 18.5 | 7.6 | 414 | 20 | 75 | 8.5 | | |
| PAYMASTER 54B | 4.48 | 1.00 | .82 | 28.9 | 15.9 | 10.6 | 443 | 27 | 72 | 7.8 | | |
| ACALA 1517D | 4.30 | 1.24 | 1.04 | 36.2 | 19.7 | 8.5 | 475 | 23 | 72 | 8.3 | | |

FLORENCE, S.C.

| | | | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|--|--|
| MC NAIR 1032 | 4.77 | 1.11 | .93 | 34.7 | 17.9 | 9.3 | 420 | 19 | 76 | 9.0 | | |
| COKER 201 | 4.74 | 1.18 | .97 | 33.9 | 17.1 | 8.9 | 450 | 29 | 78 | 8.3 | | |
| AUBURN M | 4.78 | 1.15 | .95 | 33.5 | 17.0 | 10.0 | 425 | 30 | 78 | 7.8 | | |
| DELTAPINE 45A | 4.55 | 1.18 | .99 | 32.3 | 17.7 | 10.8 | 437 | 43 | 77 | 8.0 | | |
| STONEVILLE 213 | 4.87 | 1.17 | .96 | 31.2 | 16.4 | 10.3 | 432 | 23 | 78 | 8.0 | | |
| DIXIE KING II | 4.60 | 1.18 | .96 | 33.2 | 16.5 | 8.6 | 435 | 30 | 77 | 8.3 | | |
| REX SMOOTHLEAF | 4.24 | 1.19 | .97 | 31.5 | 16.6 | 9.6 | 455 | 36 | 78 | 7.5 | | |
| STONEVILLE 7A | 4.75 | 1.19 | .97 | 35.7 | 18.6 | 8.7 | 421 | 22 | 79 | 7.5 | | |
| COKER 413 | 4.47 | 1.21 | 1.05 | 36.5 | 18.7 | 8.6 | 442 | 37 | 75 | 8.5 | | |
| DELTAPINE S.L. | 4.48 | 1.21 | .98 | 31.9 | 17.6 | 11.7 | 440 | 36 | 79 | 7.8 | | |
| ACALA 1517D | 4.33 | 1.26 | 1.09 | 35.6 | 19.7 | 9.3 | 456 | 31 | 78 | 7.3 | | |
| PAYMASTER 54B | 4.63 | .97 | .82 | 29.0 | 14.8 | 11.5 | 435 | 24 | 76 | 8.0 | | |
| EMPIRE WR-61 | 4.31 | 1.18 | .96 | 33.0 | 16.5 | 8.9 | 456 | 38 | 77 | 7.5 | | |

ROCKY MOUNT, N.C.

| | | | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|--|--|
| MC NAIR 1032 | 4.03 | 1.13 | .96 | 36.6 | 19.8 | 9.5 | 496 | 43 | 75 | 9.3 | | |
| COKER 201 | 4.11 | 1.21 | 1.01 | 33.4 | 17.0 | 8.6 | 468 | 36 | 79 | 8.5 | | |
| AUBURN M | 4.04 | 1.19 | 1.00 | 32.7 | 16.8 | 10.0 | 474 | 46 | 78 | 8.3 | | |
| COKER 413 | 3.87 | 1.19 | .96 | 38.8 | 18.6 | 7.2 | 500 | 45 | 77 | 8.5 | | |
| DIXIE KING II | 4.05 | 1.14 | .95 | 34.8 | 16.8 | 7.2 | 479 | 27 | 79 | 8.0 | | |
| DELTAPINE 45A | 4.10 | 1.14 | .94 | 34.6 | 18.4 | 8.5 | 476 | 42 | 79 | 7.5 | | |
| STONEVILLE 213 | 4.27 | 1.15 | .95 | 33.5 | 17.4 | 9.4 | 467 | 37 | 79 | 8.5 | | |
| REX SMOOTHLEAF | 3.83 | 1.19 | .98 | 33.5 | 16.8 | 9.3 | 485 | 45 | 79 | 7.5 | | |
| EMPIRE WR-61 | 3.83 | 1.16 | .91 | 35.9 | 17.5 | 7.4 | 488 | 43 | 80 | 7.5 | | |
| STONEVILLE 7A | 4.10 | 1.19 | .98 | 35.6 | 17.5 | 8.0 | 472 | 42 | 80 | 8.0 | | |
| PAYMASTER 54B | 4.12 | 1.04 | .89 | 29.4 | 16.3 | 12.0 | 466 | 35 | 77 | 8.5 | | |
| ACALA 1517D | 3.92 | 1.27 | 1.12 | 36.7 | 20.3 | 8.6 | 471 | 37 | 80 | 7.8 | | |

1966 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | | | | | | | | |
|----------------|------------|-------------|-------|--------|---------|--------|--------|------|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN | LENGTH | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 | 2.5 | 22'S |
| | | • BOLL | • LB. | • | • | • PCT. | PCT. | • |
| STONEVILLE 213 | 1080 A | 5.87 | 78 | 36.5 | 11.3 | .52 | 1.14 | 115 |
| DELTAPINE S.L. | 1062 A | 5.63 | 82 | 36.7 | 10.7 | .52 | 1.16 | 124 |
| DELTAPINE 45A | 1046 AB | 5.79 | 79 | 37.5 | 11.4 | .53 | 1.12 | 120 |
| MC NAIR 1032 | 1010 ABC | 5.71 | 80 | 36.4 | 11.5 | .53 | 1.11 | 129 |
| AUBURN M | 1007 ABC | 6.53 | 70 | 34.3 | 13.6 | .52 | 1.11 | 118 |
| STONEVILLE 7A | 1007 ABC | 5.92 | 78 | 35.8 | 11.4 | .52 | 1.16 | 122 |
| AUBURN 56 | 1004 ABC | 6.30 | 73 | 35.2 | 12.2 | .50 | 1.09 | 116 |
| DIXIE KING II | 975 ABCD | 7.66 | 60 | 35.9 | 12.7 | .51 | 1.12 | 117 |
| COKER 201 | 971 ABCD | 6.47 | 71 | 36.7 | 12.0 | .52 | 1.14 | 119 |
| REX SMOOTHLEAF | 953 ABCD | 7.29 | 63 | 34.7 | 13.9 | .51 | 1.12 | 116 |
| STARDEL | 921 BCD | 5.99 | 76 | 36.4 | 12.1 | .51 | 1.14 | 127 |
| EMPIRE WR-61 | 893 CD | 7.91 | 58 | 34.3 | 14.8 | .50 | 1.12 | 121 |
| ACALA 1517D | 869 D | 6.78 | 68 | 33.5 | 14.2 | .60 | 1.24 | 152 |
| PAYMASTER 54B | 854 D | 6.89 | 66 | 36.2 | 12.3 | .48 | .98 | 109 |

LOCATIONS COMBINING VARIETIES

| LOCATION | | | | | | | | |
|------------------|------------|-------------|-------|--------|---------|--------|--------|------|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN | LENGTH | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 | 2.5 | 22'S |
| | | • BOLL | • LB. | • | • | • PCT. | PCT. | • |
| ST. JOSEPH, LA. | 1459 | 6.89 | 67 | 37.3 | 13.2 | .53 | 1.12 | 126 |
| ST.VILLE, MISS. | 926 | 6.51 | 71 | 33.8 | 12.7 | .54 | 1.16 | 129 |
| TUNICA, MISS. | 894 | 5.94 | 78 | 36.3 | 12.6 | .51 | 1.09 | 124 |
| CL'DALE, ARK. | 969 | 7.08 | 65 | 35.3 | 12.3 | .49 | 1.13 | 110 |
| FT. PILL., TENN. | 861 | | | 37.0 | 10.9 | .51 | 1.12 | 121 |
| PORTVILLE, MO. | 742 | 5.99 | 77 | 34.5 | 12.9 | .54 | 1.14 | 120 |

BOLL SIZE, GRAM PER BOLL

| | |
|----------------|---------|
| EMPIRE WR-61 | 7.91 A |
| DIXIE KING II | 7.66 A |
| REX SMOOTHLEAF | 7.29 B |
| PAYMASTER 54B | 6.89 C |
| ACALA 1517D | 6.78 CD |
| AUBURN M | 6.53 DE |
| COKER 201 | 6.47 DE |
| AUBURN 56 | 6.30 EF |
| STARDEL | 5.99 FG |
| STONEVILLE 7A | 5.92 G |
| STONEVILLE 213 | 5.87 G |
| DELTAPINE 45A | 5.79 G |
| MC NAIR 1032 | 5.71 G |
| DELTAPINE S.L. | 5.63 G |

BOLL SIZE, NO. PER LB.

| | |
|----------------|--------|
| DELTAPINE S.L. | 82 A |
| MC NAIR 1032 | 80 AB |
| DELTAPINE 45A | 79 AB |
| STONEVILLE 7A | 78 AB |
| STONEVILLE 213 | 78 AB |
| STARDEL | 76 BC |
| AUBURN 56 | 73 CD |
| COKER 201 | 71 DE |
| AUBURN M | 70 DEF |
| ACALA 1517D | 68 EF |
| PAYMASTER 54B | 66 FG |
| REX SMOOTHLEAF | 63 GH |
| DIXIE KING II | 60 HI |
| EMPIRE WR-61 | 58 I |

1966 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • • • | • • • • | DRAWING SLIVER • UHM • MEAN | • • • • | STELOMETER | | | • • • • | AREALO- METER | | • • • • | COLORI- METER | |
|----------------|------------------|------------------|-----------------------------------|------------------|------------|------|-----|------------------|------------------|-----|------------------|------------------|---|
| | | | | | TO | T1 | E1 | | A | D | | RD | B |
| STONEVILLE 213 | 4.53 | 1.17 | .94 | 34.8 | 17.9 | 8.5 | 455 | 30 | 74 | 7.9 | | | |
| DELTAPINE S.L. | 4.38 | 1.20 | .96 | 34.7 | 19.1 | 10.4 | 455 | 28 | 76 | 7.7 | | | |
| DELTAPINE 45A | 4.51 | 1.16 | .96 | 34.3 | 18.7 | 9.2 | 462 | 32 | 74 | 7.5 | | | |
| MC NAIR 1032 | 4.56 | 1.13 | .91 | 38.2 | 19.7 | 8.1 | 450 | 26 | 74 | 8.5 | | | |
| AUBURN M | 4.15 | 1.15 | .93 | 34.8 | 18.1 | 8.5 | 465 | 38 | 74 | 7.7 | | | |
| STONEVILLE 7A | 4.40 | 1.19 | .93 | 37.2 | 18.4 | 7.2 | 443 | 32 | 75 | 7.8 | | | |
| AUBURN 56 | 4.40 | 1.12 | .91 | 34.6 | 17.7 | 8.7 | 453 | 33 | 74 | 7.7 | | | |
| DIXIE KING II | 4.43 | 1.16 | .93 | 36.5 | 17.7 | 7.5 | 448 | 26 | 72 | 7.8 | | | |
| COKER 201 | 4.63 | 1.18 | .94 | 36.0 | 18.3 | 7.5 | 453 | 33 | 74 | 7.9 | | | |
| REX SMOOTHLEAF | 4.14 | 1.16 | .91 | 35.2 | 17.8 | 8.1 | 463 | 35 | 76 | 7.6 | | | |
| STARDEL | 4.26 | 1.17 | .93 | 39.9 | 19.9 | 7.1 | 462 | 33 | 74 | 7.5 | | | |
| EMPIRE WR-61 | 4.01 | 1.15 | .91 | 37.0 | 17.7 | 7.6 | 477 | 35 | 74 | 7.7 | | | |
| ACALA 1517D | 4.15 | 1.28 | 1.07 | 39.7 | 21.7 | 8.1 | 466 | 33 | 74 | 7.7 | | | |
| PAYMASTER 54B | 4.52 | 1.00 | .84 | 31.6 | 16.8 | 10.1 | 445 | 27 | 74 | 7.7 | | | |

LOCATIONS COMBINING VARIETIES

| LOCATION | • • • • | • • • • | DRAWING SLIVER • UHM • MEAN | • • • • | STELOMETER | | | • • • • | AREALO- METER | | • • • • | COLORI- METER | |
|------------------|------------------|------------------|-----------------------------------|------------------|------------|-----|-----|------------------|------------------|-----|------------------|------------------|---|
| | | | | | TO | T1 | E1 | | A | D | | RD | B |
| ST. JOSEPH, LA. | 4.73 | 1.15 | .94 | 37.9 | 19.2 | 7.1 | 444 | 30 | 74 | 8.4 | | | |
| ST. VILLE, MISS. | 4.16 | 1.18 | .93 | 36.0 | 19.3 | 8.3 | 469 | 38 | 76 | 8.0 | | | |
| TUNICA, MISS. | 4.97 | 1.13 | .90 | 39.5 | 19.5 | 7.4 | 430 | 18 | 78 | 8.2 | | | |
| CL'DALE, ARK. | 3.81 | 1.14 | .87 | 33.4 | 17.1 | 9.1 | 485 | 41 | 62 | 6.5 | | | |
| FT. PILL., TENN. | 4.06 | 1.15 | .95 | 35.3 | 18.1 | 8.9 | 469 | 35 | 77 | 7.5 | | | |
| PORT VILLE, MO. | 4.44 | 1.20 | 1.00 | 34.2 | 18.0 | 9.2 | 445 | 28 | 79 | 8.1 | | | |

LINT PCT.

| | | |
|----------------|------|----|
| DELTAPINE 45A | 37.5 | A |
| DELTAPINE S.L. | 36.7 | AB |
| COKER 201 | 36.7 | AB |
| STONEVILLE 213 | 36.5 | B |
| STARDEL | 36.4 | B |
| MC NAIR 1032 | 36.4 | B |
| PAYMASTER 54B | 36.2 | B |
| DIXIE KING II | 35.9 | BC |
| STONEVILLE 7A | 35.8 | BC |
| AUBURN 56 | 35.2 | CD |
| REX SMOOTHLEAF | 34.7 | D |
| EMPIRE WR-61 | 34.3 | DE |
| AUBURN M | 34.3 | DE |
| ACALA 1517D | 33.5 | E |

SEED INDEX

| | | |
|----------------|------|----|
| EMPIRE WR-61 | 14.8 | A |
| ACALA 1517D | 14.2 | B |
| REX SMOOTHLEAF | 13.9 | BC |
| AUBURN M | 13.6 | C |
| DIXIE KING II | 12.7 | D |
| PAYMASTER 54B | 12.3 | DE |
| AUBURN 56 | 12.2 | DE |
| STARDEL | 12.1 | DE |
| COKER 201 | 12.0 | EF |
| MC NAIR 1032 | 11.5 | FG |
| STONEVILLE 7A | 11.4 | G |
| DELTAPINE 45A | 11.4 | G |
| STONEVILLE 213 | 11.3 | G |
| DELTAPINE S.L. | 10.7 | H |

1966 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

| SPAN LENGTH, 50 PCT. | | | SPAN LENGTH, 2.5 PCT. | | | 22'S | | |
|----------------------|-----|----|-----------------------|------|----|----------------|-----|------|
| ACALA 1517D | .60 | A | ACALA 1517D | 1.24 | A | ACALA 1517D | 152 | A |
| DELTAPINE 45A | .53 | B | DELTAPINE S.L. | 1.16 | B | MC NAIR 1032 | 129 | B |
| MC NAIR 1032 | .53 | B | STONEVILLE 7A | 1.16 | B | STARDEL | 127 | BC |
| DELTAPINE S.L. | .52 | BC | STARDEL | 1.14 | BC | DELTAPINE S.L. | 124 | BCD |
| STONEVILLE 7A | .52 | BC | COKER 201 | 1.14 | BC | STONEVILLE 7A | 122 | CDE |
| COKER 201 | .52 | BC | STONEVILLE 213 | 1.14 | BC | EMPIRE WR-61 | 121 | DEF |
| AUBURN M | .52 | BC | DIXIE KING II | 1.12 | CD | DELTAPINE 45A | 120 | DEFG |
| STONEVILLE 213 | .52 | BC | EMPIRE WR-61 | 1.12 | CD | COKER 201 | 119 | DEFG |
| DIXIE KING II | .51 | BC | REX SMOOTHLEAF | 1.12 | CD | AUBURN M | 118 | EFG |
| STARDEL | .51 | BC | DELTAPINE 45A | 1.12 | CD | DIXIE KING II | 117 | EFG |
| REX SMOOTHLEAF | .51 | BC | AUBURN M | 1.11 | DE | AUBURN 56 | 116 | FG |
| AUBURN 56 | .50 | CD | MC NAIR 1032 | 1.11 | DE | REX SMOOTHLEAF | 116 | FG |
| EMPIRE WR-61 | .50 | CD | AUBURN 56 | 1.09 | E | STONEVILLE 213 | 115 | G |
| PAYMASTER 54B | .48 | D | PAYMASTER 54B | .98 | F | PAYMASTER 54B | 109 | H |

| MICRONAIRE | | | DRAWING SLIVER, UHM | | | DRAWING SLIVER, MEAN | | |
|----------------|------|-----|---------------------|------|----|----------------------|------|----|
| COKER 201 | 4.63 | A | ACALA 1517D | 1.28 | A | ACALA 1517D | 1.07 | A |
| MC NAIR 1032 | 4.56 | A | DELTAPINE S.L. | 1.20 | B | DELTAPINE S.L. | .96 | B |
| STONEVILLE 213 | 4.53 | A | STONEVILLE 7A | 1.19 | BC | DELTAPINE 45A | .96 | B |
| PAYMASTER 54B | 4.52 | AB | COKER 201 | 1.18 | CD | COKER 201 | .94 | BC |
| DELTAPINE 45A | 4.51 | AB | STARDEL | 1.17 | DE | STONEVILLE 213 | .94 | BC |
| DIXIE KING II | 4.43 | AB | STONEVILLE 213 | 1.17 | DE | DIXIE KING II | .93 | BC |
| AUBURN 56 | 4.40 | ABC | DIXIE KING II | 1.16 | EF | STARDEL | .93 | BC |
| STONEVILLE 7A | 4.40 | ABC | REX SMOOTHLEAF | 1.16 | EF | STONEVILLE 7A | .93 | BC |
| DELTAPINE S.L. | 4.38 | ABC | DELTAPINE 45A | 1.16 | EF | AUBURN M | .93 | BC |
| STARDEL | 4.26 | BCD | EMPIRE WR-61 | 1.15 | F | AUBURN 56 | .91 | C |
| ACALA 1517D | 4.15 | CD | AUBURN M | 1.15 | F | EMPIRE WR-61 | .91 | C |
| AUBURN M | 4.15 | CD | MC NAIR 1032 | 1.13 | G | REX SMOOTHLEAF | .91 | C |
| REX SMOOTHLEAF | 4.14 | CD | AUBURN 56 | 1.12 | G | MC NAIR 1032 | .91 | C |
| EMPIRE WR-61 | 4.01 | D | PAYMASTER 54B | 1.00 | H | PAYMASTER 54B | .84 | D |

| STELOMETER - T0 | | | STELOMETER - T1 | | |
|-----------------|------|----|-----------------|------|-----|
| STARDEL | 39.9 | A | ACALA 1517D | 21.7 | A |
| ACALA 1517D | 39.7 | A | STARDEL | 19.9 | B |
| MC NAIR 1032 | 38.2 | B | MC NAIR 1032 | 19.7 | BC |
| STONEVILLE 7A | 37.2 | C | DELTAPINE S.L. | 19.1 | CD |
| EMPIRE WR-61 | 37.0 | CD | DELTAPINE 45A | 18.7 | DE |
| DIXIE KING II | 36.5 | CD | STONEVILLE 7A | 18.4 | DEF |
| COKER 201 | 36.0 | DE | COKER 201 | 18.3 | EF |
| REX SMOOTHLEAF | 35.2 | EF | AUBURN M | 18.1 | EF |
| AUBURN M | 34.8 | F | STONEVILLE 213 | 17.9 | F |
| STONEVILLE 213 | 34.8 | F | REX SMOOTHLEAF | 17.8 | F |
| DELTAPINE S.L. | 34.7 | F | AUBURN 56 | 17.7 | F |
| AUBURN 56 | 34.6 | F | DIXIE KING II | 17.7 | F |
| DELTAPINE 45A | 34.3 | F | EMPIRE WR-61 | 17.7 | F |
| PAYMASTER 54B | 31.6 | G | PAYMASTER 54B | 16.8 | G |

1966 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

| | | |
|----------------|------|----|
| DELTAPINE S.L. | 10.4 | A |
| PAYMASTER 54B | 10.1 | A |
| DELTAPINE 45A | 9.2 | B |
| AUBURN 56 | 8.7 | C |
| AUBURN M | 8.5 | C |
| STONEVILLE 213 | 8.5 | C |
| ACALA 1517D | 8.1 | D |
| REX SMOOTHLEAF | 8.1 | D |
| MC NAIR 1032 | 8.1 | D |
| EMPIRE WR-61 | 7.6 | E |
| DIXIE KING II | 7.5 | EF |
| COKER 201 | 7.5 | EF |
| STONEVILLE 7A | 7.2 | FG |
| STARDEL | 7.1 | G |

AREALOMETER - A

| | | |
|----------------|-----|----|
| EMPIRE WR-61 | 477 | A |
| ACALA 1517D | 466 | AB |
| AUBURN M | 465 | AB |
| REX SMOOTHLEAF | 463 | AB |
| STARDEL | 462 | AB |
| DELTAPINE 45A | 462 | AB |
| DELTAPINE S.L. | 455 | AB |
| STONEVILLE 213 | 455 | AB |
| AUBURN 56 | 453 | AB |
| COKER 201 | 453 | AB |
| MC NAIR 1032 | 450 | B |
| DIXIE KING II | 448 | B |
| PAYMASTER 54B | 445 | B |
| STONEVILLE 7A | 443 | B |

AREALOMETER - D

| | | |
|----------------|----|----|
| AUBURN M | 38 | A |
| EMPIRE WR-61 | 35 | AB |
| REX SMOOTHLEAF | 35 | AB |
| ACALA 1517D | 33 | AB |
| AUBURN 56 | 33 | AB |
| STARDEL | 33 | AB |
| COKER 201 | 33 | AB |
| STONEVILLE 7A | 32 | AB |
| DELTAPINE 45A | 32 | AB |
| STONEVILLE 213 | 30 | AB |
| DELTAPINE S.L. | 28 | B |
| PAYMASTER 54B | 27 | B |
| DIXIE KING II | 26 | B |
| MC NAIR 1032 | 26 | B |

COLORIMETER - RD

| | | |
|----------------|----|----|
| DELTAPINE S.L. | 76 | A |
| REX SMOOTHLEAF | 76 | A |
| STONEVILLE 7A | 75 | A |
| ACALA 1517D | 74 | AB |
| AUBURN 56 | 74 | AB |
| EMPIRE WR-61 | 74 | AB |
| PAYMASTER 54B | 74 | AB |
| STARDEL | 74 | AB |
| COKER 201 | 74 | AB |
| AUBURN M | 74 | AB |
| STONEVILLE 213 | 74 | AB |
| DELTAPINE 45A | 74 | AB |
| MC NAIR 1032 | 74 | AB |
| DIXIE KING II | 72 | B |

COLORIMETER - B

| | | |
|----------------|-----|---|
| MC NAIR 1032 | 8.5 | A |
| COKER 201 | 7.9 | B |
| STONEVILLE 213 | 7.9 | B |
| DIXIE KING II | 7.8 | B |
| STONEVILLE 7A | 7.8 | B |
| ACALA 1517D | 7.7 | B |
| AUBURN 56 | 7.7 | B |
| DELTAPINE S.L. | 7.7 | B |
| EMPIRE WR-61 | 7.7 | B |
| PAYMASTER 54B | 7.7 | B |
| AUBURN M | 7.7 | B |
| REX SMOOTHLEAF | 7.6 | B |
| STARDEL | 7.5 | B |
| DELTAPINE 45A | 7.5 | B |

1966 DELTA REGIONAL COTTON VARIETY TEST

| VARIETY | • | • | • | • | • | • | • | • | • |
|---------|------------|-------------|-------|--------|---------|---------------|-------|--------|---|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 | • 2.5 | • 22'S | • |

ST. JOSEPH, LA.

| | | | | | | | | | |
|----------------|------|-----|------|----|------|------|-----|------|-----|
| STONEVILLE 7A | 1664 | A | 6.43 | 71 | 39.0 | 12.4 | .55 | 1.15 | 124 |
| STONEVILLE 213 | 1659 | A | 6.50 | 70 | 38.2 | 12.7 | .54 | 1.14 | 120 |
| COKER 201 | 1611 | AB | 6.92 | 66 | 37.2 | 12.9 | .54 | 1.16 | 121 |
| DELTAPINE S.L. | 1600 | AB | 6.04 | 75 | 38.6 | 11.6 | .54 | 1.17 | 128 |
| STARDEL | 1570 | AB | 6.57 | 69 | 38.6 | 13.0 | .52 | 1.12 | 133 |
| MC NAIR 1032 | 1557 | AB | 6.30 | 72 | 37.1 | 12.7 | .53 | 1.08 | 124 |
| AUBURN 56 | 1503 | ABC | 6.41 | 71 | 37.4 | 12.4 | .48 | 1.07 | 124 |
| DIXIE KING II | 1493 | ABC | 8.35 | 54 | 37.4 | 13.8 | .51 | 1.11 | 121 |
| DELTAPINE 45A | 1434 | BCD | 6.16 | 74 | 39.8 | 12.0 | .54 | 1.10 | 122 |
| AUBURN M | 1330 | CDE | 6.74 | 68 | 35.6 | 14.3 | .54 | 1.11 | 125 |
| REX SMOOTHLEAF | 1320 | CDE | 7.60 | 60 | 36.7 | 14.3 | .50 | 1.11 | 121 |
| EMPIRE WR-61 | 1280 | DE | 8.29 | 55 | 35.9 | 15.2 | .52 | 1.11 | 127 |
| ACALA 1517D | 1248 | DE | 7.10 | 64 | 34.1 | 15.2 | .61 | 1.25 | 156 |
| PAYMASTER 54B | 1160 | E | 7.02 | 65 | 37.4 | 12.6 | .47 | .98 | 117 |

STONEVILLE, MISS.

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|----------------|------|------|------|----|------|------|-----|------|-----|
| DIXIE KING II | 1010 | A | 7.82 | 59 | 34.8 | 13.2 | .55 | 1.14 | 123 |
| STONEVILLE 213 | 999 | AB | 6.01 | 76 | 34.5 | 11.7 | .56 | 1.16 | 126 |
| DELTAPINE 45A | 989 | AB | 5.67 | 81 | 35.9 | 11.7 | .55 | 1.16 | 130 |
| AUBURN M | 986 | ABC | 6.58 | 70 | 32.5 | 14.2 | .54 | 1.15 | 124 |
| EMPIRE WR-61 | 954 | ABCD | 7.89 | 58 | 32.6 | 15.6 | .53 | 1.15 | 125 |
| COKER 201 | 930 | BCDE | 6.63 | 69 | 35.8 | 12.5 | .55 | 1.17 | 130 |
| STONEVILLE 7A | 924 | BCDE | 6.00 | 76 | 33.4 | 11.8 | .56 | 1.21 | 128 |
| REX SMOOTHLEAF | 924 | BCDE | 6.97 | 65 | 32.9 | 13.6 | .54 | 1.15 | 123 |
| DELTAPINE S.L. | 909 | CDE | 5.82 | 78 | 34.3 | 11.0 | .54 | 1.19 | 131 |
| STARDEL | 909 | CDE | 5.98 | 76 | 34.6 | 12.6 | .54 | 1.18 | 135 |
| AUBURN 56 | 887 | DE | 6.41 | 71 | 32.4 | 12.2 | .55 | 1.16 | 124 |
| MC NAIR 1032 | 877 | DE | 5.38 | 85 | 34.2 | 11.5 | .54 | 1.14 | 139 |
| PAYMASTER 54B | 862 | EF | 7.02 | 65 | 34.0 | 12.9 | .50 | 1.00 | 115 |
| ACALA 1517D | 800 | F | 6.97 | 65 | 31.8 | 14.4 | .60 | 1.27 | 160 |

TUNICA, MISS.

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|----------------|------|------|------|----|------|------|-----|------|-----|
| STONEVILLE 7A | 1030 | A | 5.67 | 81 | 37.1 | 11.9 | .52 | 1.11 | 118 |
| DELTAPINE S.L. | 1023 | A | 4.80 | 95 | 37.5 | 10.3 | .50 | 1.13 | 127 |
| STONEVILLE 213 | 1007 | A | 5.78 | 79 | 37.3 | 11.2 | .51 | 1.10 | 119 |
| DELTAPINE 45A | 992 | A | 5.20 | 88 | 38.2 | 11.1 | .53 | 1.10 | 119 |
| AUBURN 56 | 948 | AB | 5.51 | 83 | 36.6 | 12.2 | .50 | 1.06 | 117 |
| COKER 201 | 934 | ABC | 6.12 | 75 | 37.6 | 11.9 | .53 | 1.09 | 120 |
| DIXIE KING II | 903 | ABCD | 7.05 | 65 | 36.1 | 12.8 | .53 | 1.11 | 118 |
| MC NAIR 1032 | 895 | ABCD | 5.35 | 85 | 37.1 | 11.3 | .50 | 1.06 | 126 |
| REX SMOOTHLEAF | 840 | BCD | 6.48 | 70 | 36.0 | 15.2 | .50 | 1.08 | 111 |
| EMPIRE WR-61 | 823 | BCD | 7.56 | 60 | 35.5 | 15.6 | .50 | 1.07 | 119 |
| AUBURN M | 799 | CD | 6.03 | 75 | 34.1 | 12.8 | .49 | 1.08 | 128 |
| PAYMASTER 54B | 776 | D | 6.39 | 72 | 36.9 | 12.5 | .47 | .94 | 115 |
| STARDEL | 776 | D | 5.50 | 83 | 36.3 | 12.7 | .54 | 1.13 | 133 |
| ACALA 1517D | 774 | D | 5.71 | 80 | 32.4 | 14.5 | .62 | 1.22 | 166 |

1966 DELTA REGIONAL COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • | • • MEAN • | • • TO • | STELOMETER | | | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • |
|---------|-------------------------------|--|------------------|----------------|------------|----|---|--|---|
| | | | | | • | • | • | | |
| | | | | | T1 | E1 | | | |

ST. JOSEPH, LA.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|-----|-----|----|----|-----|
| STONEVILLE 7A | 5.03 | 1.17 | .97 | 36.2 | 18.7 | 6.1 | 422 | 27 | 75 | 8.5 |
| STONEVILLE 213 | 5.14 | 1.18 | .93 | 36.1 | 18.8 | 7.3 | 481 | 20 | 74 | 8.8 |
| COKER 201 | 4.92 | 1.19 | .98 | 37.5 | 18.5 | 6.4 | 421 | 32 | 75 | 9.0 |
| DELTAPINE S.L. | 4.97 | 1.23 | 1.02 | 37.1 | 20.1 | 8.9 | 436 | 24 | 74 | 8.0 |
| STARDEL | 4.77 | 1.17 | .93 | 40.7 | 20.8 | 6.1 | 425 | 24 | 74 | 8.8 |
| MC NAIR 1032 | 4.85 | 1.11 | .87 | 39.7 | 19.7 | 6.9 | 456 | 24 | 74 | 8.8 |
| AUBURN 56 | 4.60 | 1.11 | .92 | 37.1 | 18.6 | 7.2 | 430 | 24 | 73 | 8.0 |
| DIXIE KING II | 4.73 | 1.18 | .97 | 38.0 | 18.7 | 6.7 | 427 | 22 | 73 | 8.8 |
| DELTAPINE 45A | 5.18 | 1.13 | .96 | 36.5 | 19.1 | 7.6 | 457 | 33 | 72 | 8.3 |
| AUBURN M | 4.22 | 1.14 | .96 | 37.2 | 18.8 | 7.2 | 470 | 51 | 71 | 8.0 |
| REX SMOOTHLEAF | 4.39 | 1.14 | .88 | 37.3 | 18.1 | 7.2 | 456 | 35 | 74 | 8.8 |
| EMPIRE WR-61 | 4.17 | 1.15 | .90 | 40.4 | 18.7 | 6.2 | 451 | 34 | 74 | 8.0 |
| ACALA 1517D | 4.45 | 1.27 | 1.09 | 42.0 | 22.3 | 6.6 | 457 | 41 | 75 | 8.5 |
| PAYMASTER 54B | 4.77 | .97 | .84 | 35.0 | 18.0 | 8.8 | 430 | 27 | 74 | 8.0 |

STONEVILLE, MISS.

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|----------------|------|------|------|------|------|------|-----|----|----|-----|
| DIXIE KING II | 4.42 | 1.17 | .92 | 36.9 | 18.3 | 7.2 | 431 | 29 | 76 | 7.8 |
| STONEVILLE 213 | 4.32 | 1.18 | .93 | 35.5 | 18.5 | 8.5 | 448 | 36 | 77 | 8.5 |
| DELTAPINE 45A | 4.21 | 1.22 | 1.01 | 34.2 | 19.8 | 9.6 | 480 | 47 | 77 | 8.0 |
| AUBURN M | 4.05 | 1.18 | .93 | 33.9 | 18.9 | 8.8 | 475 | 43 | 76 | 7.8 |
| EMPIRE WR-61 | 3.80 | 1.18 | .92 | 36.6 | 17.8 | 7.9 | 483 | 40 | 78 | 8.5 |
| COKER 201 | 4.57 | 1.18 | .92 | 36.0 | 19.2 | 7.4 | 451 | 39 | 77 | 7.8 |
| STONEVILLE 7A | 4.20 | 1.22 | .91 | 37.5 | 18.8 | 7.3 | 457 | 33 | 77 | 8.3 |
| REX SMOOTHLEAF | 3.83 | 1.16 | .87 | 35.1 | 18.4 | 8.3 | 486 | 44 | 77 | 7.8 |
| DELTAPINE S.L. | 4.22 | 1.21 | .95 | 35.1 | 20.3 | 9.8 | 452 | 34 | 77 | 7.5 |
| STARDEL | 4.19 | 1.19 | .93 | 40.5 | 20.6 | 7.1 | 463 | 34 | 77 | 7.8 |
| AUBURN 56 | 4.11 | 1.16 | .92 | 34.5 | 18.6 | 8.6 | 491 | 58 | 76 | 8.3 |
| MC NAIR 1032 | 4.29 | 1.15 | .94 | 37.2 | 21.0 | 7.7 | 460 | 26 | 76 | 9.0 |
| PAYMASTER 54B | 4.28 | 1.03 | .88 | 30.4 | 17.5 | 10.2 | 486 | 28 | 74 | 7.5 |
| ACALA 1517D | 3.83 | 1.29 | 1.05 | 40.4 | 23.3 | 7.7 | 502 | 48 | 77 | 7.8 |

TUNICA, MISS.

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|----------------|------|------|------|------|------|-----|-----|----|----|-----|
| STONEVILLE 7A | 5.28 | 1.15 | .89 | 41.2 | 18.8 | 6.5 | 374 | 17 | 79 | 7.5 |
| DELTAPINE S.L. | 4.63 | 1.17 | .91 | 37.1 | 19.7 | 9.8 | 421 | 18 | 80 | 7.8 |
| STONEVILLE 213 | 5.40 | 1.16 | .93 | 37.7 | 18.0 | 7.6 | 443 | 17 | 79 | 8.0 |
| DELTAPINE 45A | 5.07 | 1.13 | .92 | 36.1 | 19.9 | 8.1 | 449 | 17 | 76 | 8.5 |
| AUBURN 56 | 5.12 | 1.09 | .87 | 38.2 | 18.9 | 7.6 | 426 | 18 | 76 | 7.8 |
| COKER 201 | 5.25 | 1.14 | .91 | 39.8 | 19.5 | 6.6 | 485 | 18 | 78 | 8.5 |
| DIXIE KING II | 5.17 | 1.14 | .90 | 40.9 | 18.6 | 6.5 | 443 | 14 | 77 | 8.8 |
| MC NAIR 1032 | 5.18 | 1.09 | .89 | 42.8 | 19.9 | 6.8 | 418 | 20 | 78 | 8.5 |
| REX SMOOTHLEAF | 4.79 | 1.12 | .87 | 37.9 | 18.5 | 7.3 | 406 | 20 | 78 | 8.0 |
| EMPIRE WR-61 | 4.76 | 1.12 | .90 | 41.0 | 17.6 | 6.7 | 420 | 24 | 79 | 8.3 |
| AUBURN M | 4.36 | 1.13 | .89 | 37.9 | 20.1 | 7.5 | 449 | 32 | 79 | 8.5 |
| PAYMASTER 54B | 4.98 | .97 | .81 | 34.7 | 17.5 | 9.5 | 408 | 15 | 79 | 8.0 |
| STARDEL | 5.05 | 1.15 | .92 | 43.4 | 21.2 | 6.5 | 447 | 13 | 78 | 8.0 |
| ACALA 1517D | 4.58 | 1.26 | 1.06 | 45.3 | 24.7 | 7.0 | 430 | 15 | 77 | 8.3 |

1966 DELTA REGIONAL COTTON VARIETY TEST

| | | | | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|---------------|-------|--------|---|---|---|
| VARIETY | • | • | • | • | • | • | • | • | • | • | • |
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • | • | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 | • 2.5 | • 22'S | • | • | • |

CLARKEDALE, ARK.

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|----------------|------|-----|------|----|------|------|-----|------|-----|
| DELTAPINE S.L. | 1124 | A | 6.47 | 70 | 36.0 | 10.3 | .51 | 1.16 | 112 |
| AUBURN M | 1085 | AB | 7.50 | 61 | 33.9 | 13.7 | .49 | 1.13 | 109 |
| STONEVILLE 213 | 1084 | AB | 6.04 | 76 | 36.0 | 10.5 | .47 | 1.12 | 104 |
| REX SMOOTHLEAF | 1047 | AB | 8.41 | 54 | 35.6 | 13.2 | .48 | 1.13 | 105 |
| DELTAPINE 45A | 1025 | ABC | 6.45 | 71 | 37.2 | 11.2 | .51 | 1.14 | 114 |
| ACALA 1517D | 1004 | ABC | 7.63 | 60 | 34.2 | 14.2 | .57 | 1.23 | 133 |
| STARDEL | 996 | ABC | 6.24 | 73 | 36.4 | 11.8 | .46 | 1.12 | 112 |
| MC NAIR 1032 | 937 | ABC | 6.20 | 73 | 35.7 | 11.9 | .50 | 1.11 | 123 |
| PAYMASTER 54B | 935 | ABC | 7.51 | 61 | 36.1 | 12.1 | .48 | 1.00 | 100 |
| STONEVILLE 7A | 923 | ABC | 6.45 | 71 | 35.2 | 11.3 | .51 | 1.17 | 111 |
| EMPIRE WR-61 | 897 | ABC | 8.58 | 53 | 33.5 | 14.4 | .46 | 1.13 | 109 |
| AUBURN 56 | 874 | BC | 6.92 | 66 | 33.8 | 12.5 | .49 | 1.10 | 102 |
| COKER 201 | 844 | BC | 6.73 | 68 | 35.5 | 12.3 | .50 | 1.18 | 104 |
| DIXIE KING II | 785 | C | 7.98 | 58 | 35.1 | 13.0 | .46 | 1.13 | 104 |

PORTAGEVILLE, MO.

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|----------------|-----|-------|------|----|------|------|-----|------|-----|
| DELTAPINE 45A | 930 | A | 5.50 | 82 | 36.2 | 11.8 | .54 | 1.14 | 120 |
| DELTAPINE S.L. | 859 | AB | 5.05 | 90 | 36.3 | 11.8 | .55 | 1.17 | 118 |
| AUBURN M | 827 | ABC | 5.80 | 79 | 32.9 | 14.8 | .54 | 1.13 | 113 |
| AUBURN 56 | 811 | ABCD | 6.25 | 73 | 34.3 | 12.9 | .53 | 1.14 | 114 |
| MC NAIR 1032 | 790 | ABCD | 5.30 | 86 | 35.4 | 11.4 | .58 | 1.16 | 132 |
| REX SMOOTHLEAF | 771 | BCDE | 7.00 | 65 | 33.3 | 14.6 | .54 | 1.15 | 117 |
| STONEVILLE 213 | 741 | BCDEF | 5.00 | 92 | 35.5 | 11.6 | .53 | 1.14 | 113 |
| DIXIE KING II | 699 | CDEF | 7.10 | 64 | 34.2 | 13.1 | .53 | 1.13 | 115 |
| STONEVILLE 7A | 693 | CDEF | 5.05 | 91 | 33.6 | 11.0 | .50 | 1.16 | 123 |
| EMPIRE WR-61 | 691 | CDEF | 7.25 | 63 | 32.7 | 15.8 | .53 | 1.15 | 123 |
| PAYMASTER 54B | 666 | DEF | 6.50 | 70 | 35.4 | 13.1 | .50 | .97 | 101 |
| STARDEL | 663 | DEF | 5.65 | 81 | 35.7 | 12.0 | .54 | 1.16 | 127 |
| ACALA 1517D | 633 | EF | 6.50 | 70 | 33.3 | 15.0 | .63 | 1.26 | 145 |
| COKER 201 | 617 | F | 5.95 | 76 | 35.2 | 12.2 | .54 | 1.17 | 118 |

FT. PILLOW, TENN.

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|----------------|------|------|--|--|------|------|-----|------|-----|
| AUBURN M | 1014 | A | | | 36.9 | 12.1 | .50 | 1.09 | 109 |
| MC NAIR 1032 | 1003 | A | | | 39.1 | 10.0 | .53 | 1.12 | 130 |
| AUBURN 56 | 1002 | A | | | 36.8 | 11.2 | .46 | 1.06 | 115 |
| STONEVILLE 213 | 987 | AB | | | 37.7 | 10.0 | .55 | 1.16 | 110 |
| DIXIE KING II | 960 | AB | | | 38.2 | 10.2 | .49 | 1.10 | 121 |
| DELTAPINE 45A | 905 | ABC | | | 37.7 | 10.5 | .50 | 1.10 | 114 |
| COKER 201 | 889 | ABCD | | | 38.8 | 10.4 | .47 | 1.09 | 120 |
| DELTAPINE S.L. | 855 | BCDE | | | 37.8 | 9.4 | .52 | 1.15 | 127 |
| REX SMOOTHLEAF | 814 | CDE | | | 34.0 | 12.9 | .52 | 1.14 | 119 |
| STONEVILLE 7A | 809 | CDE | | | 36.6 | 10.4 | .51 | 1.16 | 129 |
| ACALA 1517D | 757 | DE | | | 35.4 | 11.9 | .58 | 1.23 | 151 |
| PAYMASTER 54B | 727 | EF | | | 37.4 | 10.9 | .50 | 1.02 | 108 |
| EMPIRE WR-61 | 714 | EF | | | 35.6 | 12.1 | .49 | 1.12 | 123 |
| STARDEL | 611 | F | | | 36.7 | 10.3 | .49 | 1.12 | 125 |

1966 DELTA REGIONAL COTTON VARIETY TEST

| VARIETY | DRAWING | STELOMETER | AREALO- | COLORI- |
|---------|----------------|------------|---------|---------|
| | MICRO-SLIVER | | METER | METER |
| | NAIRE UHM MEAN | T0 T1 E1 | A D | RD B |
| | | | | |

CLARKDALE, ARK.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|------|-----|----|----|-----|
| DELTAPINE S.L. | 3.77 | 1.17 | .88 | 32.1 | 17.9 | 11.1 | 493 | 29 | 65 | 6.8 |
| AUBURN M | 3.68 | 1.12 | .86 | 32.7 | 17.2 | 9.3 | 501 | 48 | 61 | 6.0 |
| STONEVILLE 213 | 3.97 | 1.17 | .94 | 32.2 | 16.6 | 9.1 | 464 | 41 | 62 | 6.0 |
| REX SMOOTHLEAF | 3.79 | 1.15 | .92 | 33.5 | 16.7 | 8.3 | 478 | 47 | 68 | 6.3 |
| DELTAPINE 45A | 3.80 | 1.16 | .89 | 32.7 | 17.9 | 9.8 | 488 | 46 | 63 | 5.5 |
| ACALA 1517D | 3.99 | 1.25 | .98 | 36.1 | 18.9 | 9.2 | 475 | 32 | 59 | 6.3 |
| STARDEL | 3.44 | 1.15 | .89 | 37.2 | 18.3 | 7.4 | 498 | 46 | 61 | 6.3 |
| MC NAIR 1032 | 4.43 | 1.10 | .85 | 35.9 | 18.4 | 9.1 | 454 | 44 | 64 | 7.8 |
| PAYMASTER 54B | 4.15 | 1.01 | .81 | 29.2 | 15.1 | 10.9 | 470 | 38 | 66 | 6.8 |
| STONEVILLE 7A | 3.75 | 1.16 | .86 | 34.9 | 17.2 | 8.0 | 490 | 40 | 62 | 6.8 |
| EMPIRE WR-61 | 3.47 | 1.13 | .83 | 33.2 | 16.8 | 8.5 | 514 | 40 | 57 | 6.8 |
| AUBURN 56 | 3.69 | 1.10 | .85 | 31.9 | 16.1 | 9.9 | 485 | 45 | 63 | 6.8 |
| COKER 201 | 3.83 | 1.15 | .85 | 33.0 | 16.1 | 9.2 | 497 | 39 | 58 | 6.8 |
| DIXIE KING II | 3.64 | 1.14 | .85 | 32.9 | 16.5 | 8.5 | 486 | 36 | 55 | 6.0 |

PORTAGEVILLE, MO.

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|----------------|------|------|------|------|------|------|-----|----|----|-----|
| DELTAPINE 45A | 4.59 | 1.21 | 1.01 | 33.0 | 17.9 | 10.4 | 436 | 22 | 79 | 7.5 |
| DELTAPINE S.L. | 4.61 | 1.23 | 1.01 | 33.0 | 17.9 | 11.8 | 452 | 36 | 81 | 8.5 |
| AUBURN M | 4.43 | 1.20 | .99 | 32.6 | 17.0 | 9.4 | 441 | 27 | 79 | 8.5 |
| AUBURN 56 | 4.51 | 1.17 | .96 | 32.5 | 17.0 | 9.8 | 440 | 31 | 79 | 7.8 |
| MC NAIR 1032 | 4.39 | 1.18 | .99 | 36.0 | 19.7 | 9.3 | 461 | 20 | 77 | 9.5 |
| REX SMOOTHLEAF | 4.22 | 1.21 | 1.00 | 33.6 | 17.5 | 8.6 | 465 | 28 | 79 | 7.5 |
| STONEVILLE 213 | 4.20 | 1.21 | .96 | 33.3 | 18.2 | 9.2 | 455 | 34 | 79 | 8.5 |
| DIXIE KING II | 4.60 | 1.19 | .99 | 35.0 | 16.8 | 8.1 | 440 | 21 | 77 | 8.3 |
| STONEVILLE 7A | 4.20 | 1.24 | 1.01 | 36.0 | 18.2 | 7.6 | 449 | 38 | 79 | 8.3 |
| EMPIRE WR-61 | 4.08 | 1.20 | 1.00 | 35.5 | 17.7 | 8.2 | 475 | 25 | 80 | 7.6 |
| PAYMASTER 54B | 4.85 | 1.03 | .88 | 29.3 | 16.0 | 11.1 | 414 | 21 | 78 | 8.3 |
| STARDEL | 4.38 | 1.22 | .98 | 39.1 | 19.8 | 7.6 | 448 | 30 | 78 | 7.5 |
| ACALA 1517D | 4.24 | 1.32 | 1.13 | 36.5 | 20.2 | 9.2 | 451 | 37 | 81 | 8.0 |
| COKER 201 | 4.84 | 1.24 | 1.05 | 33.5 | 18.5 | 8.1 | 412 | 29 | 78 | 7.8 |

FT. PILLOW, TENN.

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|----------------|------|------|------|------|------|------|-----|----|----|-----|
| AUBURN M | 4.14 | 1.12 | .94 | 34.8 | 17.0 | 8.8 | 455 | 31 | 77 | 7.5 |
| MC NAIR 1032 | 4.26 | 1.13 | .94 | 38.0 | 19.6 | 9.0 | 450 | 27 | 75 | 7.5 |
| AUBURN 56 | 4.40 | 1.12 | .94 | 33.7 | 17.4 | 9.5 | 449 | 25 | 77 | 7.8 |
| STONEVILLE 213 | 4.18 | 1.14 | .94 | 33.9 | 17.4 | 9.2 | 442 | 35 | 77 | 7.8 |
| DIXIE KING II | 4.01 | 1.15 | .95 | 35.5 | 17.3 | 8.2 | 464 | 34 | 76 | 7.5 |
| DELTAPINE 45A | 4.24 | 1.15 | .96 | 33.3 | 17.9 | 9.5 | 461 | 30 | 77 | 7.3 |
| COKER 201 | 4.39 | 1.17 | .95 | 36.1 | 18.0 | 7.7 | 453 | 44 | 77 | 7.8 |
| DELTAPINE S.L. | 4.10 | 1.21 | 1.00 | 33.7 | 18.7 | 11.1 | 478 | 26 | 80 | 7.5 |
| REX SMOOTHLEAF | 3.82 | 1.17 | .95 | 33.9 | 17.7 | 8.8 | 487 | 40 | 78 | 7.5 |
| STONEVILLE 7A | 3.92 | 1.20 | .97 | 37.6 | 19.0 | 7.8 | 469 | 36 | 77 | 7.8 |
| ACALA 1517D | 3.83 | 1.28 | 1.10 | 38.1 | 21.2 | 8.7 | 484 | 30 | 78 | 7.5 |
| PAYMASTER 54B | 4.10 | 1.00 | .85 | 31.2 | 16.8 | 10.1 | 465 | 36 | 76 | 7.5 |
| EMPIRE WR-61 | 3.78 | 1.15 | .95 | 35.7 | 17.5 | 8.0 | 521 | 48 | 78 | 7.0 |
| STARDEL | 3.72 | 1.16 | .95 | 38.7 | 19.0 | 8.0 | 490 | 50 | 77 | 7.0 |

1966 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • YIELD • LB. LINT • PER ACRE | • BOLL SIZE • GRAM • PER BOLL | • NO. • PER LB. | • LINT • PCT. | • SEED • INDEX | • SPAN LENGTH • 50 PCT. | • 2.5 PCT. | • 22'S |
|----------------|--|-------------------------------------|--------------------|------------------|-------------------|----------------------------|------------|--------|
| DELTAPINE 45A | 774 A | 5.30 | 89 | 37.1 | 10.3 | .51 | 1.07 | 118 |
| COKER 201 | 740 A | 5.62 | 83 | 37.0 | 11.3 | .51 | 1.09 | 114 |
| STONEVILLE 213 | 729 A | 5.18 | 90 | 36.8 | 10.3 | .49 | 1.07 | 112 |
| STONEVILLE 7A | 706 AB | 5.03 | 92 | 36.2 | 10.5 | .50 | 1.09 | 116 |
| DELTAPINE S.L. | 706 AB | 5.06 | 93 | 36.7 | 9.8 | .50 | 1.10 | 115 |
| REX SMOOTHLEAF | 611 BC | 5.98 | 78 | 34.7 | 12.5 | .48 | 1.07 | 113 |
| PAYMASTER 54B | 591 C | 5.70 | 82 | 36.3 | 10.9 | .46 | .96 | 105 |
| ACALA 1517D | 580 C | 5.85 | 81 | 33.7 | 13.2 | .55 | 1.18 | 146 |

LOCATIONS COMBINING VARIETIES

| LOCATION | • • YIELD • LB. LINT • PER ACRE | • BOLL SIZE • GRAM • PER BOLL | • NO. • PER LB. | • LINT • PCT. | • SEED • INDEX | • SPAN LENGTH • 50 PCT. | • 2.5 PCT. | • 22'S |
|------------------|--|-------------------------------------|--------------------|------------------|-------------------|----------------------------|------------|--------|
| ST. WATER, OKLA. | 538 | 6.15 | 75 | 34.8 | 12.4 | .53 | 1.12 | 122 |
| COL. STA., TEX. | 600 | 5.63 | 81 | 35.6 | 10.7 | .49 | 1.06 | 124 |
| WESLACO, TEX. | 1156 | 6.70 | 68 | 34.4 | 12.8 | .56 | 1.16 | 124 |
| HOPE, ARK. | 818 | 5.62 | 81 | 36.5 | 12.1 | .52 | 1.12 | 118 |
| BOSSIER C., LA. | 723 | 6.18 | 74 | 38.5 | 12.9 | .53 | 1.11 | 123 |
| N'CES CT., TEX. | | 4.01 | 114 | 37.2 | 9.6 | .46 | 1.00 | 105 |
| MCGREGOR, TEX. | 242 | 4.48 | 103 | 34.6 | 8.3 | .44 | .98 | 112 |
| BRIIA CT., TEX. | | 4.96 | 93 | 37.0 | 9.9 | .47 | 1.07 | 110 |

BOLL SIZE, GRAM PER BOLL

| | |
|----------------|---------|
| REX SMOOTHLEAF | 5.98 A |
| ACALA 1517D | 5.85 AB |
| PAYMASTER 54B | 5.70 AB |
| COKER 201 | 5.62 B |
| DELTAPINE 45A | 5.30 C |
| STONEVILLE 213 | 5.18 C |
| DELTAPINE S.L. | 5.06 C |
| STONEVILLE 7A | 5.03 C |

BOLL SIZE, NO. PER LB.

| | |
|----------------|------|
| DELTAPINE S.L. | 93 A |
| STONEVILLE 7A | 92 A |
| STONEVILLE 213 | 90 A |
| DELTAPINE 45A | 89 A |
| COKER 201 | 83 B |
| PAYMASTER 54B | 82 B |
| ACALA 1517D | 81 B |
| REX SMOOTHLEAF | 78 B |

1966 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • | • | • | • | | | • | | | • | |
|----------------|--------|----------------|-------------|-----------|------------|-----|-----|----|----|-----|--|
| | MICRO- | DRAWING | STELOMETER | AREALO- | COLORI- | | | | | | |
| | NAIRE | SLIVER | TO | METER | METER | | | | | | |
| | • | • UHM • MEAN • | • T1 • E1 • | • A • D • | • RD • B • | | | | | | |
| DELTAPINE 45A | 4.48 | 1.10 | .92 | 35.8 | 18.8 | 8.6 | 441 | 33 | 72 | 7.7 | |
| COKER 201 | 4.53 | 1.11 | .92 | 37.2 | 17.9 | 7.1 | 445 | 29 | 72 | 8.1 | |
| STONEVILLE 213 | 4.77 | 1.09 | .90 | 35.3 | 17.5 | 8.0 | 442 | 33 | 72 | 8.1 | |
| STONEVILLE 7A | 4.54 | 1.12 | .92 | 38.9 | 18.0 | 6.8 | 437 | 28 | 72 | 7.5 | |
| DELTAPINE S.L. | 4.45 | 1.11 | .91 | 35.3 | 18.5 | 9.6 | 458 | 32 | 73 | 7.7 | |
| REX SMOOTHLEAF | 4.21 | 1.09 | .89 | 35.8 | 17.3 | 7.7 | 460 | 36 | 73 | 7.8 | |
| PAYMASTER 54B | 4.20 | .97 | .81 | 33.2 | 16.9 | 9.4 | 466 | 36 | 73 | 7.6 | |
| ACALA 1517D | 4.13 | 1.19 | 1.00 | 41.8 | 22.2 | 7.4 | 469 | 30 | 72 | 7.4 | |

LOCATIONS COMBINING VARIETIES

| LOCATION | • | • | • | • | • | • | • | • | • | • |
|------------------|--------|---------|------------|---------|---------|-----|-----|----|----|-----|
| | MICRO- | DRAWING | STELOMETER | AREALO- | COLORI- | | | | | |
| | NAIRE | SLIVER | | METER | METER | | | | | |
| | UHM | MEAN | TO | T1 | E1 | A | D | RD | B | |
| | • | • | • | • | • | • | • | • | • | • |
| ST. WATER, OKLA. | 4.46 | 1.15 | .97 | 34.7 | 19.1 | 9.4 | 451 | 39 | 73 | 8.0 |
| COL. STA., TEX. | 4.25 | 1.08 | .89 | 39.6 | 20.0 | 7.7 | 450 | 29 | 70 | 7.0 |
| WESLACO, TEX. | 4.34 | 1.19 | 1.00 | 34.3 | 18.3 | 8.3 | 447 | 31 | 77 | 8.8 |
| HOPE, ARK. | 4.44 | 1.17 | .98 | 33.3 | 17.7 | 9.5 | 444 | 30 | 76 | 6.9 |
| BOSSIER C., LA. | 5.06 | 1.15 | .99 | 36.7 | 19.2 | 8.2 | 428 | 28 | 74 | 8.2 |
| NICES CT., TEX. | 4.88 | 1.00 | .82 | 36.1 | 17.2 | 7.3 | 432 | 22 | 72 | 8.5 |
| MCGREGOR, TEX. | 3.38 | .95 | .75 | 42.2 | 17.6 | 6.4 | 521 | 49 | 68 | 8.6 |
| BRIA CT., TEX. | 4.49 | 1.07 | .86 | 36.3 | 17.8 | 8.0 | 445 | 28 | 66 | 5.8 |

LINT PCT.

| | |
|----------------|--------|
| DELTAPINE 45A | 37.1 A |
| COKER 201 | 37.0 A |
| STONEVILLE 213 | 36.8 A |
| DELTAPINE S.L. | 36.7 A |
| PAYMASTER 54B | 36.3 A |
| STONEVILLE 7A | 36.2 A |
| REX SMOOTHLEAF | 34.7 B |
| ACALA 1517D | 33.7 C |

SEED INDEX

| | |
|----------------|---------|
| ACALA 1517D | 13.2 A |
| REX SMOOTHLEAF | 12.5 B |
| COKER 201 | 11.3 C |
| PAYMASTER 54B | 10.9 CD |
| STONEVILLE 7A | 10.5 D |
| STONEVILLE 213 | 10.3 DE |
| DELTAPINE 45A | 10.3 DE |
| DELTAPINE S.L. | 9.8 E |

1966 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

| SPAN LENGTH, 50 PCT. | | | SPAN LENGTH, 2.5 PCT. | | | 22'S | | |
|----------------------|-----|----|-----------------------|------|----|----------------|-----|---|
| ACALA 1517D | .55 | A | ACALA 1517D | 1.18 | A | ACALA 1517D | 146 | A |
| COKER 201 | .51 | B | DELTAPINE S.L. | 1.10 | B | DELTAPINE 45A | 118 | B |
| DELTAPINE 45A | .51 | B | STONEVILLE 7A | 1.09 | BC | STONEVILLE 7A | 116 | B |
| DELTAPINE S.L. | .50 | BC | COKER 201 | 1.09 | BC | DELTAPINE S.L. | 115 | B |
| STONEVILLE 7A | .50 | BC | REX SMOOTHLEAF | 1.07 | C | COKER 201 | 114 | B |
| STONEVILLE 213 | .49 | BC | STONEVILLE 213 | 1.07 | C | REX SMOOTHLEAF | 113 | B |
| REX SMOOTHLEAF | .48 | C | DELTAPINE 45A | 1.07 | C | STONEVILLE 213 | 112 | B |
| PAYMASTER 54B | .46 | D | PAYMASTER 54B | .96 | D | PAYMASTER 54B | 105 | C |

| MICRONAIRE | | | DRAWING SLIVER, UHM | | | DRAWING SLIVER, MEAN | | |
|----------------|------|-----|---------------------|------|----|----------------------|------|---|
| STONEVILLE 213 | 4.77 | A | ACALA 1517D | 1.19 | A | ACALA 1517D | 1.00 | A |
| STONEVILLE 7A | 4.54 | AB | STONEVILLE 7A | 1.12 | B | STONEVILLE 7A | .92 | B |
| COKER 201 | 4.53 | AB | DELTAPINE S.L. | 1.11 | BC | COKER 201 | .92 | B |
| DELTAPINE 45A | 4.48 | ABC | COKER 201 | 1.11 | BC | DELTAPINE 45A | .92 | B |
| DELTAPINE S.L. | 4.45 | ABC | DELTAPINE 45A | 1.10 | BC | DELTAPINE S.L. | .91 | B |
| REX SMOOTHLEAF | 4.21 | BC | REX SMOOTHLEAF | 1.09 | C | STONEVILLE 213 | .90 | B |
| PAYMASTER 54B | 4.20 | BC | STONEVILLE 213 | 1.09 | C | REX SMOOTHLEAF | .89 | B |
| ACALA 1517D | 4.13 | C | PAYMASTER 54B | .97 | D | PAYMASTER 54B | .81 | C |

| STELOMETER - T0 | | | STELOMETER - T1 | | |
|-----------------|------|---|-----------------|------|------|
| ACALA 1517D | 41.8 | A | ACALA 1517D | 22.2 | A |
| STONEVILLE 7A | 38.9 | B | DELTAPINE 45A | 18.8 | B |
| COKER 201 | 37.2 | C | DELTAPINE S.L. | 18.5 | BC |
| REX SMOOTHLEAF | 35.8 | D | STONEVILLE 7A | 18.0 | BCD |
| DELTAPINE 45A | 35.8 | D | COKER 201 | 17.9 | BCDE |
| DELTAPINE S.L. | 35.3 | D | STONEVILLE 213 | 17.5 | CDE |
| STONEVILLE 213 | 35.3 | D | REX SMOOTHLEAF | 17.3 | DE |
| PAYMASTER 54B | 33.2 | E | PAYMASTER 54B | 16.9 | E |

1966 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

| | | |
|----------------|-----|----|
| DELTAPINE S.L. | 9.6 | A |
| PAYMASTER 54B | 9.4 | A |
| DELTAPINE 45A | 8.6 | B |
| STONEVILLE 213 | 8.0 | C |
| REX SMOOTHLEAF | 7.7 | CD |
| ACALA 1517D | 7.4 | DE |
| COKER 201 | 7.1 | EF |
| STONEVILLE 7A | 6.8 | F |

AREALOMETER - A

| | | |
|----------------|-----|-----|
| ACALA 1517D | 469 | A |
| PAYMASTER 54B | 466 | AB |
| REX SMOOTHLEAF | 460 | ABC |
| DELTAPINE S.L. | 458 | ABC |
| COKER 201 | 445 | BC |
| STONEVILLE 213 | 442 | C |
| DELTAPINE 45A | 441 | C |
| STONEVILLE 7A | 437 | C |

AREALOMETER - D

| | | |
|----------------|----|---|
| PAYMASTER 54B | 36 | A |
| REX SMOOTHLEAF | 36 | A |
| STONEVILLE 213 | 33 | A |
| DELTAPINE 45A | 33 | A |
| DELTAPINE S.L. | 32 | A |
| ACALA 1517D | 30 | A |
| COKER 201 | 29 | A |
| STONEVILLE 7A | 28 | A |

COLORIMETER - RD

| | | |
|----------------|----|---|
| DELTAPINE S.L. | 73 | A |
| PAYMASTER 54B | 73 | A |
| REX SMOOTHLEAF | 73 | A |
| ACALA 1517D | 72 | A |
| STONEVILLE 7A | 72 | A |
| COKER 201 | 72 | A |
| STONEVILLE 213 | 72 | A |
| DELTAPINE 45A | 72 | A |

COLORIMETER - B

| | | |
|----------------|-----|----|
| COKER 201 | 8.1 | A |
| STONEVILLE 213 | 8.1 | A |
| REX SMOOTHLEAF | 7.8 | AB |
| DELTAPINE S.L. | 7.7 | AB |
| DELTAPINE 45A | 7.7 | AB |
| PAYMASTER 54B | 7.6 | B |
| STONEVILLE 7A | 7.5 | B |
| ACALA 1517D | 7.4 | B |

1966 CENTRAL REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|---------------|--------|---|---|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 2.5 | • 22'S | • | • |
| | | • BOLL | • LB. | • | | • PCT. PCT. | | | |

STILLWATER, OKLA.

| | | | | | | | | |
|----------------|---------|------|----|------|------|-----|------|-----|
| DELTAPINE S.L. | 597 A | 5.65 | 81 | 36.7 | 11.3 | .53 | 1.14 | 117 |
| PAYMASTER 54B | 579 AB | 6.44 | 71 | 35.7 | 12.3 | .50 | 1.02 | 106 |
| STONEVILLE 213 | 576 AB | 5.32 | 85 | 34.7 | 10.8 | .53 | 1.13 | 116 |
| STONEVILLE 7A | 568 ABC | 5.34 | 85 | 34.0 | 12.5 | .52 | 1.14 | 128 |
| COKER 201 | 535 BC | 6.28 | 72 | 36.3 | 12.8 | .54 | 1.10 | 120 |
| REX SMOOTHLEAF | 535 BC | 6.66 | 69 | 32.8 | 13.8 | .52 | 1.12 | 122 |
| DELTAPINE 45A | 525 C | 5.92 | 77 | 34.7 | 10.3 | .56 | 1.14 | 123 |
| ACALA 1517D | 387 D | 7.56 | 61 | 33.7 | 15.7 | .57 | 1.19 | 148 |

COLLEGE STATION, TEX.

| | | | | | | | | |
|----------------|---------|------|----|------|------|-----|------|-----|
| COKER 201 | 807 A | 5.95 | 77 | 37.7 | 11.2 | .51 | 1.10 | 117 |
| DELTAPINE 45A | 684 AB | 6.25 | 73 | 36.2 | 9.9 | .50 | 1.04 | 132 |
| STONEVILLE 213 | 650 B | 5.18 | 88 | 37.3 | 9.7 | .47 | 1.05 | 117 |
| STONEVILLE 7A | 600 BC | 4.79 | 95 | 36.1 | 9.2 | .47 | 1.03 | 113 |
| DELTAPINE S.L. | 579 BC | 5.00 | 91 | 36.4 | 9.4 | .49 | 1.09 | 126 |
| REX SMOOTHLEAF | 568 BCD | 6.28 | 72 | 33.9 | 12.9 | .47 | 1.07 | 116 |
| PAYMASTER 54B | 474 CD | 5.78 | 79 | 34.6 | 10.5 | .45 | .93 | 112 |
| ACALA 1517D | 435 D | 5.84 | 78 | 32.4 | 12.9 | .55 | 1.19 | 163 |

WESLACO, TEX.

| | | | | | | | | |
|----------------|---------|------|----|------|------|-----|------|-----|
| DELTAPINE S.L. | 1300 A | 6.21 | 73 | 35.3 | 10.8 | .57 | 1.18 | 125 |
| DELTAPINE 45A | 1285 A | 6.44 | 71 | 35.5 | 12.4 | .56 | 1.15 | 127 |
| STONEVILLE 7A | 1243 A | 6.38 | 71 | 34.2 | 12.8 | .55 | 1.18 | 129 |
| COKER 201 | 1238 A | 6.82 | 67 | 35.9 | 12.5 | .58 | 1.19 | 122 |
| STONEVILLE 213 | 1102 B | 6.43 | 71 | 34.9 | 12.6 | .55 | 1.16 | 120 |
| REX SMOOTHLEAF | 1074 BC | 7.02 | 65 | 32.8 | 14.0 | .54 | 1.15 | 120 |
| PAYMASTER 54B | 1047 BC | 6.98 | 65 | 34.8 | 12.7 | .50 | 1.00 | 107 |
| ACALA 1517D | 961 C | 7.37 | 62 | 32.1 | 14.8 | .64 | 1.26 | 147 |

HOPE, ARK.

| | | | | | | | | |
|----------------|--------|------|-----|------|------|-----|------|-----|
| DELTAPINE 45A | 1011 A | 5.62 | 81* | 37.9 | 11.4 | .51 | 1.12 | 116 |
| STONEVILLE 213 | 996 A | 5.31 | 86 | 38.1 | 10.7 | .51 | 1.07 | 109 |
| COKER 201 | 884 AB | 6.03 | 76 | 38.3 | 12.2 | .53 | 1.13 | 118 |
| STONEVILLE 7A | 880 AB | 5.16 | 88 | 36.1 | 11.8 | .52 | 1.13 | 121 |
| DELTAPINE S.L. | 783 B | 5.32 | 86 | 36.3 | 10.3 | .52 | 1.16 | 115 |
| ACALA 1517D | 764 B | 6.15 | 74 | 34.3 | 14.9 | .62 | 1.27 | 152 |
| REX SMOOTHLEAF | 630 C | 5.86 | 78 | 34.7 | 14.0 | .50 | 1.10 | 114 |
| PAYMASTER 54B | 597 C | 5.49 | 83 | 36.5 | 11.9 | .48 | .99 | 99 |

1966 CENTRAL REGIONAL COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • | • • MEAN • | • • TO • | • • STELOMETER • T1 • E1 • | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • |
|---------|-------------------------------|--|------------------|----------------|--|--|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

STILLWATER, OKLA.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|
| DELTAPINE S.L. | 4.64 | 1.18 | .98 | 33.5 | 19.0 | 11.6 | 443 | 34 | 72 | 9.0 |
| PAYMASTER 54B | 4.38 | 1.01 | .85 | 31.2 | 16.9 | 11.4 | 446 | 38 | 75 | 7.8 |
| STONEVILLE 213 | 4.58 | 1.14 | .96 | 34.0 | 18.8 | 9.3 | 443 | 46 | 73 | 8.3 |
| STONEVILLE 7A | 4.54 | 1.18 | 1.00 | 37.3 | 19.7 | 7.3 | 444 | 27 | 73 | 8.0 |
| COKER 201 | 4.66 | 1.15 | .98 | 35.4 | 18.4 | 8.0 | 437 | 36 | 74 | 7.8 |
| REX SMOOTHLEAF | 4.26 | 1.13 | .97 | 34.1 | 18.9 | 9.0 | 469 | 52 | 76 | 7.8 |
| DELTAPINE 45A | 4.37 | 1.15 | .99 | 34.0 | 19.6 | 10.1 | 450 | 42 | 73 | 8.0 |
| ACALA 1517D | 4.28 | 1.24 | 1.08 | 38.0 | 21.8 | 8.6 | 481 | 42 | 73 | 7.8 |

COLLEGE STATION, TEX.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|-----|-----|----|----|-----|
| COKER 201 | 4.27 | 1.12 | .91 | 39.7 | 19.6 | 6.7 | 417 | 25 | 70 | 7.3 |
| DELTAPINE 45A | 4.45 | 1.08 | .89 | 39.4 | 20.6 | 8.7 | 462 | 28 | 70 | 7.3 |
| STONEVILLE 213 | 4.36 | 1.07 | .88 | 37.3 | 19.2 | 7.7 | 440 | 23 | 71 | 7.3 |
| STONEVILLE 7A | 4.20 | 1.10 | .89 | 40.8 | 18.5 | 7.5 | 428 | 26 | 71 | 7.0 |
| DELTAPINE S.L. | 4.43 | 1.10 | .89 | 39.1 | 20.6 | 8.9 | 453 | 26 | 73 | 6.5 |
| REX SMOOTHLEAF | 3.92 | 1.08 | .86 | 37.6 | 17.9 | 7.1 | 486 | 47 | 70 | 7.0 |
| PAYMASTER 54B | 4.22 | .94 | .81 | 37.4 | 18.7 | 8.4 | 445 | 30 | 71 | 7.0 |
| ACALA 1517D | 4.16 | 1.22 | 1.03 | 46.1 | 25.4 | 7.1 | 467 | 32 | 69 | 6.8 |

WESLACO, TEX.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|
| DELTAPINE S.L. | 4.41 | 1.19 | 1.00 | 32.4 | 18.7 | 10.1 | 434 | 25 | 78 | 8.8 |
| DELTAPINE 45A | 4.38 | 1.20 | 1.03 | 34.0 | 19.2 | 9.2 | 439 | 42 | 78 | 8.5 |
| STONEVILLE 7A | 4.37 | 1.23 | 1.03 | 37.5 | 18.9 | 7.0 | 447 | 18 | 77 | 8.5 |
| COKER 201 | 4.59 | 1.21 | 1.03 | 34.5 | 17.7 | 7.4 | 441 | 32 | 76 | 9.0 |
| STONEVILLE 213 | 4.54 | 1.20 | 1.01 | 33.9 | 18.2 | 8.0 | 427 | 32 | 77 | 9.5 |
| REX SMOOTHLEAF | 4.09 | 1.18 | .97 | 34.8 | 17.1 | 7.8 | 452 | 38 | 77 | 8.8 |
| PAYMASTER 54B | 4.27 | 1.02 | .87 | 30.0 | 15.8 | 9.5 | 467 | 28 | 77 | 8.8 |
| ACALA 1517D | 4.07 | 1.28 | 1.08 | 37.6 | 21.3 | 7.7 | 474 | 33 | 77 | 8.5 |

HOPE, ARK.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|
| DELTAPINE 45A | 4.48 | 1.17 | .99 | 31.7 | 17.2 | 9.7 | 431 | 30 | 76 | 6.5 |
| STONEVILLE 213 | 4.60 | 1.15 | .95 | 31.8 | 16.5 | 9.7 | 438 | 26 | 74 | 7.0 |
| COKER 201 | 4.82 | 1.20 | 1.00 | 34.2 | 17.8 | 8.5 | 414 | 30 | 75 | 8.0 |
| STONEVILLE 7A | 4.47 | 1.21 | 1.01 | 35.9 | 18.2 | 8.0 | 438 | 33 | 77 | 6.8 |
| DELTAPINE S.L. | 4.24 | 1.21 | .98 | 31.9 | 17.5 | 11.3 | 467 | 31 | 77 | 6.8 |
| ACALA 1517D | 4.28 | 1.30 | 1.10 | 39.9 | 22.0 | 8.3 | 460 | 26 | 76 | 7.0 |
| REX SMOOTHLEAF | 4.38 | 1.17 | .98 | 32.4 | 16.9 | 9.4 | 448 | 26 | 75 | 6.5 |
| PAYMASTER 54B | 4.30 | 1.01 | .86 | 28.4 | 15.6 | 11.5 | 461 | 41 | 78 | 6.8 |

1966 CENTRAL REGIONAL COTTON VARIETY TEST

| VARIETY | • YIELD • | | • BOLL SIZE • | | • LINT • | | • SEED • | | • SPAN LENGTH • | |
|---------|--------------|--|---------------|--|----------|--|-----------|--|-----------------|--|
| | • LB. LINT • | | • GRAM • | | • NO. • | | • PCT. • | | • 50 2.5 • | |
| | • PER ACRE • | | • BOLL • | | • PER • | | • INDEX • | | • PCT. PCT. • | |
| | | | | | | | | | | |

BOSSIER CITY, LA.

| | | | | | | | | |
|----------------|---------|------|----|------|------|-----|------|-----|
| DELTAPINE 45A | 865 A | 6.08 | 75 | 39.7 | 12.1 | .54 | 1.10 | 120 |
| STONEVILLE 213 | 820 AB | 6.09 | 75 | 39.2 | 12.3 | .53 | 1.13 | 118 |
| DELTAPINE S.L. | 755 ABC | 5.97 | 76 | 39.5 | 11.9 | .53 | 1.12 | 122 |
| ACALA 1517D | 728 ABC | 6.29 | 73 | 34.6 | 15.9 | .60 | 1.23 | 160 |
| COKER 201 | 716 ABC | 6.18 | 74 | 40.1 | 12.8 | .54 | 1.12 | 117 |
| STONEVILLE 7A | 694 BC | 5.76 | 79 | 38.4 | 12.0 | .53 | 1.15 | 123 |
| PAYMASTER 54B | 603 C | 6.59 | 69 | 39.0 | 12.5 | .49 | .97 | 109 |
| REX SMOOTHLEAF | 600 C | 6.45 | 71 | 37.6 | 13.9 | .51 | 1.09 | 120 |

NUECES COUNTY, TEX.

| | | | | | | | | |
|----------------|--|------|-----|------|------|-----|------|-----|
| ACALA 1517D | | 3.99 | 114 | 32.6 | 10.9 | .46 | 1.07 | 132 |
| DELTAPINE S.L. | | 3.82 | 119 | 38.3 | 8.5 | .47 | 1.01 | 100 |
| PAYMASTER 54B | | 4.39 | 104 | 38.3 | 9.3 | .41 | .88 | 88 |
| STONEVILLE 7A | | 3.94 | 115 | 37.3 | 9.1 | .48 | 1.04 | 111 |
| COKER 201 | | 4.09 | 112 | 37.5 | 10.2 | .49 | 1.04 | 104 |
| REX SMOOTHLEAF | | 4.36 | 104 | 36.7 | 11.4 | .47 | 1.02 | 100 |
| STONEVILLE 213 | | 3.70 | 123 | 38.7 | 8.6 | .44 | .99 | 101 |
| DELTAPINE 45A | | 3.75 | 121 | 38.4 | 9.1 | .47 | 1.00 | 107 |

BRAZORIA COUNTY, TEX.

| | | | | | | | | |
|----------------|--|------|-----|------|------|-----|------|-----|
| ACALA 1517D | | 5.08 | 90 | 35.7 | 11.1 | .50 | 1.13 | 120 |
| DELTAPINE S.L. | | 4.41 | 105 | 37.7 | 8.5 | .46 | 1.06 | 105 |
| PAYMASTER 54B | | 5.22 | 88 | 37.5 | 9.5 | .47 | 1.05 | 110 |
| STONEVILLE 7A | | 4.82 | 95 | 37.4 | 9.4 | .49 | 1.08 | 108 |
| COKER 201 | | 5.00 | 91 | 37.4 | 10.2 | .47 | 1.05 | 106 |
| REX SMOOTHLEAF | | 5.67 | 81 | 35.1 | 10.9 | .47 | 1.08 | 114 |
| STONEVILLE 213 | | 5.15 | 89 | 37.1 | 10.0 | .48 | 1.09 | 108 |
| DELTAPINE 45A | | 4.32 | 106 | 38.5 | 9.4 | .49 | 1.09 | 108 |

MCGREGOR, TEX.

| | | | | | | | | |
|----------------|--------|------|-----|------|-----|-----|------|-----|
| DELTAPINE 45A | 276 A | 4.02 | 113 | 36.4 | 7.9 | .44 | .95 | 116 |
| COKER 201 | 258 AB | 4.64 | 98 | 33.2 | 8.7 | .42 | .99 | 112 |
| REX SMOOTHLEAF | 257 AB | 5.58 | 82 | 34.1 | 9.3 | .41 | .95 | 97 |
| STONEVILLE 7A | 248 AB | 4.04 | 113 | 36.4 | 7.2 | .43 | .97 | 99 |
| PAYMASTER 54B | 245 AB | 4.68 | 97 | 34.2 | 8.3 | .44 | .89 | 108 |
| STONEVILLE 213 | 227 AB | 4.24 | 108 | 34.9 | 8.1 | .44 | .98 | 106 |
| DELTAPINE S.L. | 223 AB | 4.11 | 111 | 33.6 | 7.6 | .46 | 1.03 | 113 |
| ACALA 1517D | 205 B | 4.51 | 102 | 34.5 | 9.3 | .51 | 1.10 | 150 |

1966 CENTRAL REGIONAL COTTON VARIETY TEST

| VARIETY | • • • • | • • • • | DRAWING • • • • | • • • • | STELOMETER • • • • | • • • • | AREALO- • • • • | METER • • • • | • • • • | COLORI- • • • • | METER • • • • |
|---------|------------------|------------------|-----------------------------|------------------|--------------------------------|------------------|-----------------------------|---------------------------|------------------|-----------------------------|---------------------------|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | MICRO- NAIRE | SLIVER UHM | MEAN | TO | T1 | E1 | A | D | RD | B | |

BOSSIER CITY, LA.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|-----|-----|----|----|-----|
| DELTAPINE 45A | 5.23 | 1.14 | .98 | 34.5 | 19.3 | 8.6 | 395 | 23 | 74 | 8.5 |
| STONEVILLE 213 | 5.08 | 1.16 | .99 | 35.1 | 17.8 | 8.3 | 458 | 47 | 75 | 8.0 |
| DELTAPINE S.L. | 5.22 | 1.18 | 1.01 | 34.7 | 19.5 | 9.9 | 441 | 34 | 75 | 7.8 |
| ACALA 1517D | 4.67 | 1.28 | 1.11 | 43.1 | 23.2 | 7.1 | 436 | 22 | 74 | 7.8 |
| COKER 201 | 5.27 | 1.16 | .98 | 38.1 | 18.9 | 7.2 | 447 | 13 | 75 | 9.3 |
| STONEVILLE 7A | 5.14 | 1.20 | 1.02 | 39.7 | 18.6 | 7.0 | 415 | 40 | 75 | 7.8 |
| PAYMASTER 54B | 4.97 | .99 | .85 | 31.9 | 17.6 | 9.8 | 415 | 22 | 73 | 8.0 |
| REX SMOOTHLEAF | 4.93 | 1.14 | .98 | 36.3 | 19.1 | 7.7 | 419 | 23 | 74 | 8.5 |

NUECES COUNTY, TEX.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| ACALA 1517D | 3.83 | 1.06 | .87 | 40.8 | 20.1 | 6.6 | 493 | 31 | 72 | 8.5 |
| DELTAPINE S.L. | 4.45 | 1.01 | .83 | 35.4 | 16.9 | 8.8 | 412 | 14 | 75 | 8.5 |
| PAYMASTER 54B | 4.26 | .90 | .74 | 31.7 | 15.2 | 8.4 | 449 | 31 | 73 | 8.3 |
| STONEVILLE 7A | 5.11 | 1.03 | .85 | 38.3 | 17.8 | 6.2 | 400 | 20 | 73 | 8.0 |
| COKER 201 | 4.83 | 1.02 | .83 | 36.8 | 16.7 | 6.4 | 422 | 19 | 71 | 8.3 |
| REX SMOOTHLEAF | 4.60 | 1.02 | .83 | 35.4 | 16.5 | 7.1 | 436 | 23 | 75 | 8.8 |
| STONEVILLE 213 | 6.90 | .98 | .82 | 35.2 | 16.9 | 7.3 | 411 | 19 | 71 | 9.3 |
| DELTAPINE 45A | 5.05 | 1.01 | .84 | 35.8 | 17.8 | 7.6 | 431 | 22 | 72 | 8.3 |

BRAZORIA COUNTY, TEX.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| ACALA 1517D | 4.24 | 1.12 | .90 | 38.9 | 20.3 | 7.9 | 442 | 20 | 65 | 5.5 |
| DELTAPINE S.L. | 4.80 | 1.06 | .84 | 34.7 | 17.3 | 9.1 | 483 | 46 | 66 | 5.5 |
| PAYMASTER 54B | 4.11 | 1.01 | .82 | 35.5 | 17.8 | 9.0 | 479 | 34 | 68 | 5.8 |
| STONEVILLE 7A | 4.68 | 1.07 | .85 | 38.7 | 17.6 | 7.2 | 418 | 20 | 63 | 5.3 |
| COKER 201 | 4.72 | 1.07 | .87 | 37.1 | 17.6 | 7.1 | 416 | 22 | 65 | 6.3 |
| REX SMOOTHLEAF | 4.41 | 1.09 | .89 | 36.4 | 17.9 | 7.7 | 444 | 26 | 68 | 5.8 |
| STONEVILLE 213 | 4.52 | 1.08 | .89 | 34.7 | 17.1 | 8.1 | 429 | 23 | 67 | 6.8 |
| DELTAPINE 45A | 4.44 | 1.09 | .88 | 34.9 | 17.3 | 8.0 | 447 | 34 | 66 | 5.5 |

MCGREGOR, TEX.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| DELTAPINE 45A | 3.43 | .95 | .76 | 42.1 | 19.7 | 7.3 | 476 | 46 | 68 | 8.8 |
| COKER 201 | 3.08 | .96 | .77 | 42.2 | 16.8 | 5.9 | 565 | 57 | 69 | 8.8 |
| REX SMOOTHLEAF | 3.11 | .90 | .68 | 39.5 | 14.4 | 6.0 | 526 | 53 | 69 | 9.0 |
| STONEVILLE 7A | 3.80 | .94 | .73 | 43.5 | 14.8 | 4.6 | 509 | 43 | 66 | 8.5 |
| PAYMASTER 54B | 3.09 | .88 | .72 | 39.7 | 17.7 | 7.8 | 570 | 66 | 69 | 8.5 |
| STONEVILLE 213 | 3.58 | .94 | .74 | 40.4 | 15.9 | 5.7 | 495 | 48 | 67 | 8.8 |
| DELTAPINE S.L. | 3.40 | .97 | .75 | 40.8 | 18.4 | 7.7 | 529 | 46 | 66 | 8.8 |
| ACALA 1517D | 3.55 | 1.05 | .84 | 49.9 | 23.3 | 6.2 | 500 | 35 | 68 | 7.5 |

1966 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • | • | • | • | • | • | • | • | • |
|-----------------|----------|------|------|------|------|-------|------|--------|------|
| | YIELD | BOLL | SIZE | NO. | LINT | SEED | SPAN | LENGTH | |
| | LB. LINT | GRAM | • | PER | PER | INDEX | 50 | 2.5 | 22'S |
| | PER ACRE | PER | • | LB. | • | • | PCT. | PCT. | • |
| LANKART 57 | 537 A | 7.71 | 60 | 35.8 | 14.1 | .48 | 1.00 | 95 | |
| STONEVILLE 7A | 519 A | 5.32 | 87 | 35.5 | 11.6 | .52 | 1.13 | 118 | |
| PAYMASTER 54B | 498 AB | 6.26 | 73 | 35.8 | 11.9 | .46 | .96 | 103 | |
| PAYMASTER 101A | 490 ABC | 6.44 | 72 | 34.7 | 12.0 | .47 | .97 | 110 | |
| GREGG 35 | 475 ABC | 5.95 | 78 | 32.1 | 11.9 | .48 | .98 | 123 | |
| LOCKETT 4789 | 473 ABC | 6.46 | 72 | 33.0 | 12.1 | .50 | 1.05 | 110 | |
| COKER 201 | 449 ABC | 5.91 | 78 | 35.6 | 11.5 | .51 | 1.09 | 114 | |
| N. STAR 5 | 445 ABC | 6.67 | 69 | 35.6 | 12.4 | .45 | .97 | 98 | |
| PAYMASTER 111 | 418 BCD | 7.58 | 61 | 33.1 | 13.6 | .51 | 1.06 | 122 | |
| W. STORMPROOF | 404 CD | 6.38 | 73 | 37.2 | 11.7 | .46 | .98 | 104 | |
| ACALA 1517D | 354 D | 6.55 | 72 | 32.8 | 14.0 | .57 | 1.18 | 147 | |
| BLIGHTMASTER A5 | 348 D | 5.95 | 78 | 33.5 | 12.1 | .48 | 1.02 | 105 | |

LOCATIONS COMBINING VARIETIES

| LOCATION | • | • BOLL SIZE | • | • | • | • | • | • |
|-------------------|------------|-------------|-------|--------|---------|--------|----------|--------|
| | • YIELD | • GRAM | • NO. | • LINT | • SEED | • SPAN | • LENGTH | • |
| | • LB. LINT | • PER | • PER | • PCT. | • INDEX | • 50 | • 2.5 | • 22'S |
| | • PER ACRE | • BOLL | • LB. | • | • | • PCT. | • PCT. | • |
| CL. (IRR.), TEX. | 595 | 7.18 | 64 | 33.7 | 12.9 | .50 | 1.02 | 109 |
| ALTUS, OKLA. | 451 | 5.98 | 77 | 33.3 | 13.5 | .51 | 1.09 | 116 |
| CH. (DRY), OKLA. | 449 | 7.59 | 60 | 33.8 | 14.1 | .54 | 1.08 | 119 |
| CH. (IRR.), OKLA. | 545 | 6.87 | 67 | 34.1 | 13.2 | .51 | 1.08 | 110 |
| CL. (DRY), TEX. | 273 | 5.45 | 85 | 36.5 | 11.3 | .45 | .96 | 106 |
| MCGREGOR, TEX. | 392 | 5.54 | 83 | 35.8 | 9.4 | .44 | .95 | 114 |

BOLL SIZE, GRAM PER BOLL

| | | |
|-----------------|------|----|
| LANKART 57 | 7.71 | A |
| PAYMASTER 111 | 7.58 | A |
| N. STAR 5 | 6.67 | B |
| ACALA 1517D | 6.55 | B |
| LOCKETT 4789 | 6.46 | B |
| PAYMASTER 101A | 6.44 | B |
| W. STORMPROOF | 6.38 | B |
| PAYMASTER 54B | 6.26 | BC |
| GREGG 35 | 5.95 | C |
| BLIGHTMASTER A5 | 5.95 | C |
| COKER 201 | 5.91 | C |
| STONEVILLE 7A | 5.32 | D |

BOLL SIZE, NO. PER LB.

| | | |
|-----------------|----|----|
| STONEVILLE 7A | 87 | A |
| GREGG 35 | 78 | B |
| COKER 201 | 78 | B |
| BLIGHTMASTER A5 | 78 | B |
| PAYMASTER 54B | 73 | BC |
| W. STORMPROOF | 73 | BC |
| ACALA 1517D | 72 | C |
| PAYMASTER 101A | 72 | C |
| LOCKETT 4789 | 72 | C |
| N. STAR 5 | 69 | C |
| PAYMASTER 111 | 61 | D |
| LANKART 57 | 60 | D |

1966 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • MICRO- • NAIRE | • • DRAWING • SLIVER • UHM • MEAN | • • TO | STELOMETER | | | AREALO- METER | | COLORI- METER | |
|-----------------|--------------------------|--|-----------|------------|------|------|------------------|----|------------------|-----|
| | | | | T0 | T1 | E1 | A | D | RD | B |
| LANKART 57 | 4.69 | 1.02 | .84 | 30.9 | 15.8 | 10.8 | 430 | 29 | 73 | 9.0 |
| STONEVILLE 7A | 4.38 | 1.15 | .95 | 37.5 | 18.1 | 7.5 | 449 | 40 | 73 | 7.9 |
| PAYMASTER 54B | 4.34 | .96 | .82 | 32.1 | 17.1 | 11.4 | 457 | 38 | 74 | 7.8 |
| PAYMASTER 101A | 4.41 | .98 | .83 | 35.8 | 18.0 | 9.0 | 451 | 38 | 75 | 8.0 |
| GREGG 35 | 4.35 | 1.00 | .84 | 38.7 | 19.8 | 8.4 | 472 | 37 | 73 | 8.0 |
| LOCKETT 4789 | 4.38 | 1.07 | .89 | 34.9 | 17.6 | 8.9 | 454 | 39 | 73 | 8.4 |
| COKER 201 | 4.44 | 1.12 | .93 | 35.6 | 18.1 | 8.1 | 441 | 36 | 74 | 8.3 |
| N. STAR 5 | 4.42 | 1.00 | .84 | 33.9 | 16.2 | 7.9 | 451 | 42 | 74 | 8.8 |
| PAYMASTER 111 | 4.30 | 1.09 | .92 | 37.4 | 19.1 | 8.3 | 448 | 32 | 74 | 8.2 |
| W. STORMPROOF | 4.06 | 1.00 | .81 | 34.0 | 16.8 | 8.3 | 480 | 51 | 75 | 8.3 |
| ACALA 1517D | 4.08 | 1.20 | 1.01 | 39.1 | 21.8 | 8.9 | 460 | 36 | 74 | 8.0 |
| BLIGHTMASTER A5 | 4.48 | 1.03 | .85 | 34.0 | 17.0 | 9.5 | 454 | 43 | 74 | 9.6 |

LOCATIONS COMBINING VARIETIES

| LOCATION | • • MICRO- • NAIRE | • • DRAWING • SLIVER • UHM • MEAN | • • TO | STELOMETER | | | AREALO- METER | | COLORI- METER | |
|-------------------|--------------------------|--|-----------|------------|------|------|------------------|----|------------------|-----|
| | | | | T0 | T1 | E1 | A | D | RD | B |
| CL. (IRR.), TEX. | 4.85 | 1.05 | .90 | 33.1 | 17.8 | 9.2 | 413 | 30 | 74 | 8.3 |
| ALTUS, OKLA. | 3.56 | 1.10 | .92 | 33.3 | 17.8 | 9.8 | 514 | 60 | 77 | 8.1 |
| CH. (DRY), OKLA. | 4.61 | 1.10 | .94 | 35.2 | 18.3 | 9.5 | 439 | 33 | 75 | 8.2 |
| CH. (IRR.), OKLA. | 4.10 | 1.10 | .91 | 31.7 | 17.0 | 10.0 | 480 | 43 | 76 | 8.0 |
| CL. (DRY), TEX. | 5.18 | .98 | .82 | 36.9 | 18.5 | 8.2 | 387 | 20 | 73 | 8.7 |
| MCGREGOR, TEX. | 3.87 | .98 | .78 | 41.8 | 18.4 | 6.7 | 491 | 44 | 69 | 8.4 |

LINT PCT.

| | | |
|-----------------|------|----|
| W. STORMPROOF | 37.2 | A |
| LANKART 57 | 35.8 | AB |
| PAYMASTER 54B | 35.8 | AB |
| COKER 201 | 35.6 | B |
| N. STAR 5 | 35.6 | B |
| STONEVILLE 7A | 35.5 | B |
| PAYMASTER 101A | 34.7 | BC |
| BLIGHTMASTER A5 | 33.5 | CD |
| PAYMASTER 111 | 33.1 | D |
| LOCKETT 4789 | 33.0 | D |
| ACALA 1517D | 32.8 | D |
| GREGG 35 | 32.1 | D |

SEED INDEX

| | | |
|-----------------|------|---|
| LANKART 57 | 14.1 | A |
| ACALA 1517D | 14.0 | A |
| PAYMASTER 111 | 13.6 | A |
| N. STAR 5 | 12.4 | B |
| LOCKETT 4789 | 12.1 | B |
| BLIGHTMASTER A5 | 12.1 | B |
| PAYMASTER 101A | 12.0 | B |
| GREGG 35 | 11.9 | B |
| PAYMASTER 54B | 11.9 | B |
| W. STORMPROOF | 11.7 | B |
| STONEVILLE 7A | 11.6 | B |
| COKER 201 | 11.5 | B |

1966 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

| SPAN LENGTH, 50 PCT. | | | SPAN LENGTH, 2.5 PCT. | | | 22'S | | |
|----------------------|-----|----|-----------------------|------|----|-----------------|-----|----|
| ACALA 1517D | .57 | A | ACALA 1517D | 1.18 | A | ACALA 1517D | 147 | A |
| STONEVILLE 7A | .52 | B | STONEVILLE 7A | 1.13 | B | GREGG 35 | 123 | B |
| COKER 201 | .51 | B | COKER 201 | 1.09 | C | PAYMASTER 111 | 122 | B |
| PAYMASTER 111 | .51 | B | PAYMASTER 111 | 1.06 | CD | STONEVILLE 7A | 118 | BC |
| LOCKETT 4789 | .50 | BC | LOCKETT 4789 | 1.05 | DE | COKER 201 | 114 | CD |
| GREGG 35 | .48 | CD | BLIGHTMASTER A5 | 1.02 | EF | PAYMASTER 101A | 110 | DE |
| LANKART 57 | .48 | CD | LANKART 57 | 1.00 | FG | LOCKETT 4789 | 110 | DE |
| BLIGHTMASTER A5 | .48 | CD | GREGG 35 | .98 | GH | BLIGHTMASTER A5 | 106 | EF |
| PAYMASTER 101A | .47 | DE | W. STORMPROOF | .98 | GH | W. STORMPROOF | 104 | F |
| PAYMASTER 54B | .46 | DE | PAYMASTER 101A | .97 | GH | PAYMASTER 54B | 103 | F |
| W. STORMPROOF | .46 | DE | N. STAR 5 | .97 | GH | N. STAR 5 | 98 | G |
| N. STAR 5 | .45 | E | PAYMASTER 54B | .96 | H | LANKART 57 | 95 | G |

| MICRONAIRE | | | DRAWING SLIVER, UHM | | | DRAWING SLIVER, MEAN | | |
|-----------------|------|----|---------------------|------|----|----------------------|------|----|
| LANKART 57 | 4.69 | A | ACALA 1517D | 1.20 | A | ACALA 1517D | 1.01 | A |
| BLIGHTMASTER A5 | 4.48 | AB | STONEVILLE 7A | 1.15 | B | STONEVILLE 7A | .95 | B |
| COKER 201 | 4.44 | B | COKER 201 | 1.12 | C | COKER 201 | .93 | B |
| N. STAR 5 | 4.42 | B | PAYMASTER 111 | 1.09 | D | PAYMASTER 111 | .92 | BC |
| PAYMASTER 101A | 4.41 | B | LOCKETT 4789 | 1.07 | D | LOCKETT 4789 | .89 | C |
| STONEVILLE 7A | 4.38 | B | BLIGHTMASTER A5 | 1.03 | E | BLIGHTMASTER A5 | .85 | D |
| LOCKETT 4789 | 4.38 | B | LANKART 57 | 1.02 | EF | GREGG 35 | .84 | DE |
| GREGG 35 | 4.35 | B | GREGG 35 | 1.00 | FG | LANKART 57 | .84 | DE |
| PAYMASTER 54B | 4.34 | B | W. STORMPROOF | 1.00 | FG | N. STAR 5 | .84 | DE |
| PAYMASTER 111 | 4.30 | BC | N. STAR 5 | 1.00 | FG | PAYMASTER 101A | .83 | DE |
| ACALA 1517D | 4.08 | C | PAYMASTER 101A | .98 | GH | PAYMASTER 54B | .82 | DE |
| W. STORMPROOF | 4.06 | C | PAYMASTER 54B | .96 | H | W. STORMPROOF | .81 | E |

| STELOMETER - T0 | | | STELOMETER - T1 | | |
|-----------------|------|----|-----------------|------|----|
| ACALA 1517D | 39.1 | A | ACALA 1517D | 21.8 | A |
| GREGG 35 | 38.7 | AB | GREGG 35 | 19.8 | B |
| STONEVILLE 7A | 37.5 | B | PAYMASTER 111 | 19.1 | B |
| PAYMASTER 111 | 37.4 | B | STONEVILLE 7A | 18.1 | C |
| PAYMASTER 101A | 35.8 | C | COKER 201 | 18.1 | C |
| COKER 201 | 35.6 | C | PAYMASTER 101A | 18.0 | C |
| LOCKETT 4789 | 34.9 | CD | LOCKETT 4789 | 17.6 | CD |
| W. STORMPROOF | 34.0 | D | PAYMASTER 54B | 17.1 | DE |
| BLIGHTMASTER A5 | 34.0 | D | BLIGHTMASTER A5 | 17.0 | DE |
| N. STAR 5 | 33.9 | D | W. STORMPROOF | 16.8 | DE |
| PAYMASTER 54B | 32.1 | E | N. STAR 5 | 16.2 | EF |
| LANKART 57 | 30.9 | E | LANKART 57 | 15.8 | F |

1966 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

| | | |
|-----------------|------|----|
| PAYMASTER 54B | 11.4 | A |
| LANKART 57 | 10.8 | B |
| BLIGHTMASTER A5 | 9.5 | C |
| PAYMASTER 101A | 9.0 | CD |
| ACALA 1517D | 8.9 | DE |
| LOCKETT 4789 | 8.9 | DE |
| GREGG 35 | 8.4 | EF |
| W. STORMPROOF | 8.3 | F |
| PAYMASTER 111 | 8.3 | F |
| COKER 201 | 8.1 | F |
| N. STAR 5 | 7.9 | FG |
| STONEVILLE 7A | 7.5 | G |

AREALOMETER - A

| | | |
|-----------------|-----|-----|
| W. STORMPROOF | 480 | A |
| GREGG 35 | 472 | AB |
| ACALA 1517D | 460 | ABC |
| PAYMASTER 54B | 457 | ABC |
| LOCKETT 4789 | 454 | BCD |
| BLIGHTMASTER A5 | 454 | BCD |
| PAYMASTER 101A | 451 | BCD |
| N. STAR 5 | 451 | BCD |
| STONEVILLE 7A | 449 | BCD |
| PAYMASTER 111 | 448 | BCD |
| COKER 201 | 441 | CD |
| LANKART 57 | 430 | D |

AREALOMETER - D

| | | |
|-----------------|----|-----|
| W. STORMPROOF | 51 | A |
| BLIGHTMASTER A5 | 43 | AB |
| N. STAR 5 | 42 | B |
| STONEVILLE 7A | 40 | BC |
| LOCKETT 4789 | 39 | BC |
| PAYMASTER 54B | 38 | BCD |
| PAYMASTER 101A | 38 | BCD |
| GREGG 35 | 37 | BCD |
| ACALA 1517D | 36 | BCD |
| COKER 201 | 36 | BCD |
| PAYMASTER 111 | 32 | CD |
| LANKART 57 | 29 | D |

COLORIMETER - RD

| | | |
|-----------------|----|----|
| PAYMASTER 101A | 75 | A |
| W. STORMPROOF | 75 | A |
| ACALA 1517D | 74 | AB |
| PAYMASTER 54B | 74 | AB |
| COKER 201 | 74 | AB |
| N. STAR 5 | 74 | AB |
| BLIGHTMASTER A5 | 74 | AB |
| PAYMASTER 111 | 74 | AB |
| GREGG 35 | 73 | B |
| LANKART 57 | 73 | B |
| STONEVILLE 7A | 73 | B |
| LOCKETT 4789 | 73 | B |

COLORIMETER - B

| | | |
|-----------------|-----|------|
| LANKART 57 | 9.0 | A |
| N. STAR 5 | 8.8 | AB |
| BLIGHTMASTER A5 | 8.6 | ABC |
| LOCKETT 4789 | 8.4 | BCD |
| W. STORMPROOF | 8.3 | BCDE |
| COKER 201 | 8.3 | BCDE |
| PAYMASTER 111 | 8.2 | CDE |
| ACALA 1517D | 8.0 | DE |
| GREGG 35 | 8.0 | DE |
| PAYMASTER 101A | 8.0 | DE |
| STONEVILLE 7A | 7.9 | DE |
| PAYMASTER 54B | 7.8 | E |

1966 PLAINS REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|---------------|--------|---|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 2.5 | • 22'S | • |
| | | • BOLL | • LB. | • | • | • PCT. PCT. | • | • |

CHILLICOTHE, TEX., (IRRIGATED)

| | | | | | | | | |
|-----------------|---------|------|----|------|------|-----|------|-----|
| LOCKETT 4789 | 704 A | 6.95 | 66 | 32.5 | 12.4 | .53 | 1.07 | 112 |
| STONEVILLE 7A | 686 AB | 6.34 | 72 | 33.3 | 12.0 | .56 | 1.16 | 118 |
| LANKART 57 | 668 AB | 8.18 | 56 | 35.1 | 14.3 | .47 | .98 | 85 |
| GREGG 35 | 648 AB | 7.03 | 65 | 31.9 | 13.3 | .47 | .96 | 124 |
| PAYMASTER 101A | 646 AB | 6.61 | 69 | 34.1 | 12.1 | .45 | .92 | 104 |
| W. STORMPROOF | 634 AB | 7.29 | 62 | 36.9 | 11.9 | .46 | .96 | 105 |
| PAYMASTER 54B | 614 ABC | 7.01 | 65 | 34.9 | 12.5 | .47 | .95 | 96 |
| N. STAR 5 | 609 ABC | 7.08 | 65 | 35.0 | 11.6 | .45 | .95 | 97 |
| COKER 201 | 586 BC | 6.62 | 69 | 34.8 | 12.3 | .52 | 1.10 | 115 |
| PAYMASTER 111 | 525 C | 8.71 | 52 | 31.7 | 14.5 | .55 | 1.06 | 120 |
| ACALA 1517D | 420 D | 7.68 | 59 | 30.8 | 16.1 | .59 | 1.21 | 138 |
| BLIGHTMASTER A5 | 399 D | 6.60 | 69 | 33.6 | 12.0 | .48 | .98 | 101 |

CHILLICOTHE, TEX., (DRYLAND)

| | | | | | | | | |
|-----------------|--------|------|-----|------|------|-----|------|-----|
| W. STORMPROOF | 311 A | 5.56 | 82 | 40.5 | 10.3 | .43 | .88 | 97 |
| N. STAR 5 | 307 A | 5.37 | 85 | 39.7 | 10.7 | .40 | .85 | 92 |
| COKER 201 | 299 A | 4.94 | 93 | 37.7 | 10.8 | .45 | .97 | 109 |
| BLIGHTMASTER A5 | 287 AB | 5.08 | 90 | 36.4 | 10.7 | .44 | .92 | 102 |
| LOCKETT 4789 | 278 AB | 5.34 | 86 | 34.9 | 10.5 | .45 | .96 | 98 |
| GREGG 35 | 277 AB | 4.91 | 93 | 34.4 | 11.1 | .44 | .90 | 108 |
| PAYMASTER 111 | 271 AB | 6.74 | 68 | 35.1 | 13.0 | .48 | 1.00 | 122 |
| STONEVILLE 7A | 267 AB | 4.53 | 101 | 37.5 | 10.7 | .51 | 1.11 | 118 |
| LANKART 57 | 263 AB | 6.94 | 66 | 38.5 | 13.1 | .44 | .91 | 88 |
| PAYMASTER 54B | 256 AB | 5.19 | 88 | 36.5 | 10.3 | .40 | .94 | 95 |
| PAYMASTER 101A | 243 AB | 5.23 | 88 | 35.3 | 10.5 | .43 | .90 | 104 |
| ACALA 1517D | 217 B | 5.54 | 82 | 32.1 | 14.0 | .56 | 1.15 | 147 |

MCGREGOR, TEX.

| | | | | | | | | |
|-----------------|----------|------|----|------|------|-----|------|-----|
| STONEVILLE 7A | 511 A | 4.76 | 95 | 40.8 | 8.4 | .46 | 1.03 | 110 |
| LANKART 57 | 469 AB | 6.44 | 70 | 37.3 | 10.4 | .44 | .95 | 102 |
| COKER 201 | 447 ABC | 5.40 | 84 | 35.6 | 9.3 | .47 | 1.04 | 113 |
| N. STAR 5 | 419 ABCD | 6.12 | 74 | 36.9 | 10.1 | .42 | .90 | 105 |
| PAYMASTER 111 | 386 BCD | 6.16 | 74 | 33.8 | 9.5 | .46 | 1.00 | 120 |
| PAYMASTER 101A | 379 BCD | 5.86 | 77 | 35.5 | 9.8 | .43 | .93 | 117 |
| W. STORMPROOF | 371 BCD | 5.40 | 84 | 37.0 | 9.6 | .39 | .89 | 102 |
| GREGG 35 | 356 CD | 5.30 | 86 | 30.2 | 9.0 | .44 | .94 | 126 |
| LOCKETT 4789 | 351 CD | 5.48 | 83 | 35.0 | 8.4 | .44 | .96 | 111 |
| PAYMASTER 54B | 348 CD | 5.68 | 80 | 37.0 | 9.1 | .43 | .91 | 112 |
| BLIGHTMASTER A5 | 332 D | 4.84 | 94 | 35.1 | 9.5 | .43 | .94 | 102 |
| ACALA 1517D | 330 D | 5.00 | 91 | 35.6 | 10.3 | .51 | 1.09 | 157 |

1966 PLAINS REGIONAL COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • • | STELOMETER | | | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • | • • | • • |
|---------|-------------------------------|---|-------------|------------|----|----|---|--|--------|--------|
| | | | | TO | T1 | E1 | | | | |

CHILLICOTHE, TEX., (IRRIGATED)

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| LOCKETT 4789 | 4.94 | 1.11 | .98 | 33.1 | 18.2 | 9.0 | 406 | 33 | 74 | 8.3 |
| STONEVILLE 7A | 4.54 | 1.17 | 1.01 | 35.1 | 18.5 | 7.7 | 437 | 30 | 73 | 7.3 |
| LANKART 57 | 5.29 | 1.01 | .86 | 27.2 | 14.9 | 11.4 | 398 | 26 | 74 | 9.0 |
| GREGG 35 | 4.95 | 1.01 | .88 | 36.7 | 19.4 | 8.6 | 417 | 20 | 74 | 7.8 |
| PAYMASTER 101A | 4.96 | .95 | .81 | 34.3 | 17.9 | 9.4 | 395 | 31 | 75 | 8.3 |
| W. STORMPROOF | 4.78 | .99 | .86 | 33.6 | 17.6 | 8.0 | 414 | 37 | 75 | 8.3 |
| PAYMASTER 54B | 4.71 | .93 | .81 | 29.5 | 16.1 | 12.7 | 417 | 25 | 75 | 8.3 |
| N. STAR 5 | 5.03 | .99 | .85 | 32.5 | 16.3 | 8.0 | 405 | 37 | 74 | 9.0 |
| COKER 201 | 4.80 | 1.13 | .96 | 33.5 | 18.1 | 8.3 | 402 | 34 | 74 | 8.3 |
| PAYMASTER 111 | 4.82 | 1.10 | .97 | 35.2 | 19.4 | 8.1 | 412 | 31 | 75 | 8.3 |
| ACALA 1517D | 4.23 | 1.19 | .99 | 34.8 | 20.5 | 9.5 | 462 | 35 | 73 | 7.3 |
| BLIGHTMASTER A5 | 5.14 | 1.00 | .87 | 32.2 | 17.1 | 10.2 | 397 | 29 | 73 | 9.3 |

CHILLICOTHE, TEX., (DRYLAND)

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| W. STORMPROOF | 4.92 | .92 | .77 | 35.1 | 17.0 | 8.6 | 397 | 24 | 74 | 9.0 |
| N. STAR 5 | 5.17 | .91 | .77 | 35.5 | 16.6 | 7.8 | 385 | 19 | 73 | 9.5 |
| COKER 201 | 5.41 | 1.03 | .87 | 38.0 | 18.9 | 7.2 | 370 | 22 | 74 | 8.8 |
| BLIGHTMASTER A5 | 5.62 | .97 | .82 | 35.1 | 18.0 | 9.2 | 369 | 22 | 75 | 8.8 |
| LOCKETT 4789 | 5.18 | .98 | .81 | 35.7 | 17.6 | 7.9 | 381 | 17 | 72 | 8.8 |
| GREGG 35 | 5.23 | .90 | .76 | 40.1 | 19.2 | 7.5 | 392 | 18 | 72 | 8.8 |
| PAYMASTER 111 | 5.02 | 1.04 | .87 | 39.6 | 20.3 | 7.6 | 394 | 17 | 74 | 8.5 |
| STONEVILLE 7A | 5.18 | 1.11 | .94 | 40.3 | 19.9 | 6.7 | 390 | 24 | 71 | 8.0 |
| LANKART 57 | 5.52 | .94 | .78 | 30.5 | 16.0 | 10.4 | 375 | 20 | 73 | 9.5 |
| PAYMASTER 54B | 5.24 | .88 | .76 | 34.8 | 17.7 | 9.8 | 384 | 21 | 73 | 8.3 |
| PAYMASTER 101A | 4.89 | .90 | .75 | 37.8 | 18.2 | 8.0 | 393 | 17 | 76 | 8.5 |
| ACALA 1517D | 4.78 | 1.17 | 1.02 | 40.9 | 22.8 | 8.3 | 411 | 24 | 75 | 8.0 |

MCGREGOR, TEX.

| | | | | | | | | | | |
|-----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| STONEVILLE 7A | 4.32 | 1.06 | .86 | 42.4 | 17.0 | 5.2 | 440 | 31 | 69 | 8.3 |
| LANKART 57 | 3.98 | .96 | .76 | 39.9 | 17.9 | 7.9 | 457 | 37 | 68 | 9.3 |
| COKER 201 | 4.07 | 1.04 | .81 | 41.8 | 18.3 | 5.7 | 461 | 38 | 70 | 7.5 |
| N. STAR 5 | 4.15 | .95 | .77 | 41.8 | 16.3 | 6.2 | 472 | 38 | 70 | 9.3 |
| PAYMASTER 111 | 3.59 | .98 | .75 | 43.9 | 18.8 | 6.5 | 500 | 40 | 68 | 8.0 |
| PAYMASTER 101A | 3.78 | .92 | .74 | 43.3 | 18.6 | 7.0 | 483 | 46 | 71 | 8.5 |
| W. STORMPROOF | 3.31 | .91 | .70 | 38.7 | 16.0 | 6.7 | 544 | 54 | 70 | 9.0 |
| GREGG 35 | 3.89 | .96 | .78 | 43.3 | 20.6 | 6.8 | 541 | 45 | 69 | 8.0 |
| LOCKETT 4789 | 3.73 | .98 | .78 | 39.9 | 17.5 | 7.5 | 508 | 46 | 69 | 8.8 |
| PAYMASTER 54B | 3.68 | .91 | .74 | 39.0 | 19.3 | 8.3 | 499 | 56 | 68 | 8.3 |
| BLIGHTMASTER A5 | 4.30 | .96 | .77 | 39.5 | 16.5 | 7.0 | 491 | 53 | 69 | 8.3 |
| ACALA 1517D | 3.63 | 1.11 | .88 | 47.9 | 24.3 | 6.2 | 503 | 43 | 69 | 8.3 |

1966 PLAINS REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | | |
|---------|------------|-------------|--------|---------|--------|----------|---|---|--------|
| | • | • | • | • | • | • | • | • | • |
| | • YIELD | • BOLL SIZE | • LINT | • SEED | • SPAN | • LENGTH | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • INDEX | • 50 | • 2.5 | • | • | • 22'S |
| | • PER ACRE | • PER | • PER | • | • PCT. | • PCT. | • | • | • |
| | | • BOLL | • LB. | • | | | | | |

ALTUS, OKLA.

| | | | | | | | | |
|-----------------|---------|------|-----|------|------|-----|------|-----|
| LANKART 57 | 609 A | 7.82 | 58 | 34.3 | 15.8 | .49 | 1.05 | 98 |
| PAYMASTER 54B | 581 A | 6.21 | 73 | 34.9 | 12.6 | .51 | 1.01 | 105 |
| PAYMASTER 101A | 497 B | 5.76 | 79 | 33.6 | 13.0 | .50 | 1.05 | 116 |
| COKER 201 | 467 BC | 5.66 | 80 | 34.4 | 12.7 | .53 | 1.14 | 116 |
| STONEVILLE 7A | 447 BCD | 4.51 | 101 | 33.9 | 12.1 | .49 | 1.13 | 123 |
| BLIGHTMASTER A5 | 440 BCD | 5.76 | 79 | 31.7 | 13.1 | .50 | 1.09 | 111 |
| LOCKETT 4789 | 435 BCD | 6.36 | 72 | 31.8 | 13.1 | .52 | 1.13 | 116 |
| GREGG 35 | 400 CD | 5.02 | 91 | 31.6 | 12.5 | .52 | 1.06 | 131 |
| ACALA 1517D | 397 CD | 6.00 | 76 | 32.2 | 15.6 | .57 | 1.20 | 148 |
| W. STORMPROOF | 385 CD | 5.61 | 81 | 36.2 | 12.3 | .47 | 1.06 | 108 |
| N. STAR 5 | 382 CD | 6.31 | 72 | 34.1 | 13.5 | .48 | 1.04 | 98 |
| PAYMASTER 111 | 368 D | 6.73 | 68 | 31.2 | 15.4 | .54 | 1.12 | 125 |

CHICKASHA, OKLA., (IRRIGATED)

| | | | | | | | | |
|-----------------|--------|------|----|------|------|-----|------|-----|
| STONEVILLE 7A | 735 A | 5.52 | 82 | 34.7 | 12.2 | .54 | 1.15 | 117 |
| PAYMASTER 54B | 638 B | 6.42 | 71 | 35.7 | 12.3 | .47 | .97 | 104 |
| LANKART 57 | 627 B | 8.26 | 55 | 34.3 | 15.7 | .50 | 1.07 | 95 |
| PAYMASTER 101A | 612 B | 7.06 | 65 | 34.8 | 12.9 | .51 | 1.03 | 107 |
| LOCKETT 4789 | 609 B | 7.15 | 64 | 32.5 | 14.3 | .53 | 1.11 | 108 |
| GREGG 35 | 594 BC | 6.50 | 70 | 31.9 | 12.6 | .51 | 1.04 | 122 |
| COKER 201 | 541 CD | 6.12 | 75 | 35.7 | 11.2 | .53 | 1.16 | 114 |
| PAYMASTER 111 | 488 DE | 8.32 | 55 | 33.0 | 15.5 | .51 | 1.07 | 116 |
| W. STORMPROOF | 476 DE | 6.71 | 68 | 36.4 | 12.1 | .50 | 1.05 | 102 |
| ACALA 1517D | 461 E | 7.00 | 65 | 34.2 | 13.2 | .60 | 1.22 | 138 |
| N. STAR 5 | 442 E | 7.07 | 64 | 32.9 | 13.8 | .47 | 1.07 | 96 |
| BLIGHTMASTER A5 | 317 F | 6.33 | 72 | 32.7 | 13.1 | .49 | 1.10 | 105 |

CHICKASHA, OKLA., (DRYLAND)

| | | | | | | | | |
|-----------------|--------|------|----|------|------|-----|------|-----|
| LANKART 57 | 585 A | 8.62 | 53 | 35.2 | 15.7 | .52 | 1.03 | 101 |
| GREGG 35 | 572 A | 6.94 | 66 | 32.5 | 12.9 | .53 | 1.02 | 127 |
| PAYMASTER 101A | 562 AB | 8.10 | 56 | 34.6 | 13.8 | .50 | 1.01 | 117 |
| PAYMASTER 54B | 553 AB | 7.04 | 65 | 35.9 | 14.3 | .50 | .98 | 108 |
| N. STAR 5 | 510 BC | 8.10 | 56 | 34.8 | 14.6 | .52 | 1.05 | 104 |
| PAYMASTER 111 | 470 C | 8.85 | 51 | 33.7 | 14.1 | .55 | 1.11 | 132 |
| STONEVILLE 7A | 468 C | 6.28 | 73 | 32.7 | 14.1 | .56 | 1.19 | 124 |
| LOCKETT 4789 | 461 C | 7.50 | 61 | 31.4 | 14.0 | .53 | 1.08 | 116 |
| COKER 201 | 355 D | 6.74 | 68 | 35.3 | 12.6 | .58 | 1.17 | 120 |
| BLIGHTMASTER A5 | 313 DE | 7.09 | 64 | 31.6 | 14.2 | .53 | 1.10 | 116 |
| ACALA 1517D | 296 EF | 8.08 | 57 | 31.9 | 14.9 | .63 | 1.24 | 156 |
| W. STORMPROOF | 248 F | 7.74 | 59 | 36.1 | 14.4 | .52 | 1.04 | 112 |

1966 PLAINS REGIONAL COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • | • • MEAN • | • • TO • | STELOMETER | | | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • |
|---------|-------------------------------|--|------------------|----------------|------------|----|---|--|---|
| | | | | | • | • | • | | |
| | | | | | T1 | E1 | | | |
| | | | | | • | • | • | | |

ALTUS, OKLA.

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| LANKART 57 | 4.07 | 1.08 | .89 | 28.5 | 15.3 | 12.0 | 485 | 43 | 77 | 8.5 |
| PAYMASTER 54B | 3.84 | 1.03 | .88 | 28.8 | 15.9 | 12.7 | 510 | 53 | 78 | 7.5 |
| PAYMASTER 101A | 3.88 | 1.06 | .90 | 33.1 | 17.9 | 10.1 | 519 | 57 | 76 | 7.8 |
| COKER 201 | 3.53 | 1.16 | 1.01 | 33.4 | 17.8 | 9.3 | 507 | 42 | 77 | 7.8 |
| STONEVILLE 7A | 3.40 | 1.17 | .95 | 35.8 | 17.4 | 8.6 | 514 | 57 | 76 | 7.8 |
| BLIGHTMASTER A5 | 3.49 | 1.09 | .88 | 33.2 | 17.6 | 10.0 | 525 | 70 | 77 | 8.0 |
| LOCKETT 4789 | 3.66 | 1.14 | .94 | 33.5 | 17.3 | 9.4 | 505 | 62 | 77 | 8.3 |
| GREGG 35 | 3.30 | 1.05 | .88 | 37.3 | 20.5 | 9.1 | 565 | 74 | 76 | 8.8 |
| ACALA 1517D | 3.48 | 1.24 | 1.01 | 37.0 | 21.3 | 9.7 | 445 | 52 | 77 | 8.0 |
| W. STORMPROOF | 3.02 | 1.05 | .84 | 32.2 | 17.2 | 9.3 | 575 | 87 | 77 | 8.0 |
| N. STAR 5 | 3.44 | 1.04 | .85 | 31.1 | 16.3 | 8.6 | 525 | 71 | 77 | 8.8 |
| PAYMASTER 111 | 3.62 | 1.16 | .99 | 35.6 | 19.2 | 9.4 | 495 | 48 | 77 | 8.3 |

CHICKASHA, OKLA., (IRRIGATED)

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| STONEVILLE 7A | 4.27 | 1.18 | .95 | 34.0 | 17.4 | 8.7 | 475 | 50 | 76 | 8.3 |
| PAYMASTER 54B | 4.07 | 1.00 | .85 | 29.5 | 16.2 | 12.6 | 481 | 42 | 78 | 7.0 |
| LANKART 57 | 4.41 | 1.07 | .87 | 28.7 | 14.9 | 11.4 | 450 | 26 | 76 | 8.8 |
| PAYMASTER 101A | 4.14 | 1.03 | .88 | 31.8 | 17.0 | 9.9 | 481 | 45 | 76 | 7.5 |
| LOCKETT 4789 | 4.23 | 1.11 | .91 | 32.1 | 16.8 | 9.7 | 485 | 41 | 76 | 8.5 |
| GREGG 35 | 4.13 | 1.05 | .88 | 36.2 | 19.1 | 9.4 | 480 | 40 | 74 | 7.3 |
| COKER 201 | 4.08 | 1.18 | .96 | 31.6 | 17.2 | 9.6 | 476 | 46 | 75 | 8.3 |
| PAYMASTER 111 | 4.31 | 1.10 | .93 | 32.8 | 17.6 | 9.9 | 460 | 32 | 75 | 8.3 |
| W. STORMPROOF | 3.85 | 1.06 | .84 | 30.2 | 16.2 | 9.0 | 500 | 64 | 77 | 7.0 |
| ACALA 1517D | 4.02 | 1.27 | 1.08 | 35.6 | 20.4 | 10.6 | 487 | 36 | 76 | 8.3 |
| N. STAR 5 | 3.95 | 1.09 | .91 | 28.6 | 15.4 | 8.9 | 486 | 50 | 77 | 8.3 |
| BLIGHTMASTER A5 | 3.78 | 1.08 | .85 | 29.9 | 15.6 | 10.4 | 503 | 47 | 76 | 8.5 |

CHICKASHA, OKLA., (DRYLAND)

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| LANKART 57 | 4.88 | 1.05 | .89 | 30.9 | 16.0 | 12.0 | 418 | 23 | 74 | 8.8 |
| GREGG 35 | 4.60 | 1.02 | .87 | 38.7 | 20.2 | 8.9 | 441 | 28 | 76 | 7.8 |
| PAYMASTER 101A | 4.79 | 1.03 | .89 | 34.6 | 18.3 | 9.6 | 438 | 32 | 77 | 7.5 |
| PAYMASTER 54B | 4.54 | 1.01 | .88 | 31.1 | 17.2 | 12.5 | 454 | 31 | 76 | 7.5 |
| N. STAR 5 | 4.76 | 1.06 | .90 | 33.9 | 16.5 | 8.0 | 433 | 37 | 76 | 8.3 |
| PAYMASTER 111 | 4.48 | 1.15 | 1.00 | 37.5 | 19.7 | 8.6 | 429 | 24 | 74 | 8.0 |
| STONEVILLE 7A | 4.58 | 1.19 | 1.00 | 37.5 | 18.7 | 8.0 | 441 | 47 | 76 | 8.0 |
| LOCKETT 4789 | 4.55 | 1.13 | .96 | 35.3 | 18.1 | 9.7 | 444 | 38 | 75 | 8.0 |
| COKER 201 | 4.78 | 1.18 | .99 | 35.7 | 18.3 | 8.7 | 430 | 37 | 76 | 9.3 |
| BLIGHTMASTER A5 | 4.53 | 1.10 | .93 | 34.5 | 17.7 | 10.4 | 442 | 38 | 76 | 8.8 |
| ACALA 1517D | 4.38 | 1.26 | 1.10 | 38.4 | 21.9 | 9.3 | 452 | 28 | 76 | 8.3 |
| W. STORMPROOF | 4.47 | 1.06 | .89 | 34.5 | 17.1 | 8.3 | 448 | 38 | 77 | 8.3 |

1966 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • YIELD • LB. LINT • PER ACRE | • BOLL SIZE • GRAM • PER BOLL | • NO. • PER • LB. | • LINT • PCT. | • SEED • INDEX | • SPAN • 50 • PCT. | • LENGTH • 2.5 • PCT. | • 22'S |
|----------------|-------------------------------------|-------------------------------------|-------------------------|------------------|-------------------|--------------------------|-----------------------------|--------|
| STONEVILLE 7A | 1048 A | 5.61 | 82 | 36.4 | 11.3 | .49 | 1.11 | 113 |
| HOPICALA | 1027 A | 6.75 | 68 | 37.0 | 13.2 | .53 | 1.13 | 145 |
| COKER 201 | 1013 A | 5.87 | 78 | 37.5 | 11.4 | .49 | 1.10 | 113 |
| ACALA IMPERIAL | 1003 AB | 6.08 | 75 | 36.0 | 12.1 | .52 | 1.11 | 134 |
| N. MEX. 9170 | 981 ABC | 6.30 | 73 | 34.7 | 13.8 | .56 | 1.21 | 154 |
| E-364 | 978 ABC | 6.63 | 70 | 35.5 | 13.7 | .53 | 1.18 | 143 |
| ARIZ. 6024 | 976 ABC | 6.62 | 69 | 36.8 | 13.3 | .55 | 1.15 | 137 |
| ACALA 1517V | 966 ABC | 6.55 | 70 | 35.5 | 13.6 | .56 | 1.22 | 151 |
| ACALA 4-42 | 962 ABC | 7.06 | 65 | 38.2 | 13.7 | .54 | 1.13 | 138 |
| ARIZ. 6020 | 954 ABCD | 6.52 | 70 | 35.6 | 14.0 | .55 | 1.15 | 142 |
| ACALA SJ-1 | 924 ABCD | 6.49 | 71 | 35.5 | 13.7 | .55 | 1.17 | 140 |
| ACALA 1517D | 880 BCD | 6.42 | 72 | 34.0 | 13.9 | .57 | 1.22 | 153 |
| ARIZ. 5915 | 865 CD | 6.39 | 72 | 36.4 | 13.3 | .55 | 1.17 | 140 |
| PAYMASTER 54B | 831 D | 6.40 | 72 | 37.7 | 11.7 | .45 | .96 | 105 |

SUBREGIONAL SUMMARY COMBINING BRAWLEY, PHOENIX, AND MARANA

| | | | | | | | | |
|----------------|----------|------|----|------|------|-----|------|-----|
| STONEVILLE 7A | 1175 A | 5.12 | 89 | 36.7 | 10.7 | .52 | 1.13 | 117 |
| COKER 201 | 1139 AB | 5.58 | 82 | 37.3 | 11.4 | .52 | 1.12 | 120 |
| ACALA IMPERIAL | 1106 ABC | 5.66 | 81 | 35.8 | 12.0 | .54 | 1.12 | 139 |
| HOPICALA | 1103 ABC | 6.21 | 74 | 36.8 | 13.3 | .55 | 1.14 | 153 |
| E-364 | 1051 BCD | 6.00 | 76 | 35.7 | 13.1 | .55 | 1.19 | 148 |
| ACALA SJ-1 | 1042 BCD | 6.00 | 76 | 35.6 | 14.1 | .57 | 1.18 | 146 |
| ACALA 4-42 | 1013 CDE | 6.57 | 70 | 38.5 | 13.6 | .55 | 1.14 | 145 |
| ARIZ. 5915 | 1012 CDE | 5.84 | 78 | 36.4 | 13.3 | .58 | 1.18 | 148 |
| ARIZ. 6024 | 998 CDE | 6.06 | 76 | 36.8 | 13.2 | .56 | 1.15 | 143 |
| ACALA 1517D | 981 DE | 5.85 | 79 | 33.8 | 14.2 | .59 | 1.22 | 157 |
| ARIZ. 6020 | 977 DE | 6.00 | 76 | 35.7 | 14.1 | .57 | 1.15 | 147 |
| N. MEX. 9170 | 968 DE | 5.59 | 82 | 34.2 | 13.7 | .58 | 1.22 | 159 |
| ACALA 1517V | 958 DE | 5.95 | 77 | 35.2 | 13.6 | .59 | 1.24 | 157 |
| PAYMASTER 54B | 921 E | 5.93 | 77 | 36.9 | 11.6 | .47 | .98 | 111 |

SUBREGIONAL SUMMARY COMBINING LAS CRUCES, EL PASO, AND LOGANDALE

| | | | | | | | | |
|----------------|-------|------|----|------|------|-----|------|-----|
| N. MEX. 9170 | 956 A | 6.90 | 66 | 35.4 | 13.3 | .54 | 1.20 | 150 |
| HOPICALA | 947 A | 7.04 | 65 | 36.9 | 13.4 | .52 | 1.13 | 138 |
| ACALA 1517V | 938 A | 7.02 | 65 | 35.7 | 13.3 | .53 | 1.20 | 143 |
| ARIZ. 6020 | 932 A | 6.82 | 67 | 35.2 | 13.5 | .55 | 1.16 | 138 |
| ARIZ. 6024 | 929 A | 6.92 | 66 | 36.8 | 13.1 | .54 | 1.16 | 132 |
| COKER 201 | 914 A | 5.94 | 77 | 37.4 | 11.3 | .49 | 1.10 | 107 |
| ACALA 4-42 | 912 A | 7.32 | 62 | 37.3 | 13.5 | .52 | 1.14 | 132 |
| ACALA IMPERIAL | 900 A | 6.29 | 72 | 35.9 | 12.1 | .52 | 1.11 | 130 |
| E-364 | 899 A | 6.97 | 66 | 35.5 | 14.1 | .53 | 1.17 | 140 |
| STONEVILLE 7A | 879 A | 5.85 | 78 | 35.9 | 11.7 | .49 | 1.12 | 111 |
| PAYMASTER 54B | 819 A | 6.86 | 66 | 38.0 | 11.8 | .44 | .96 | 101 |
| ACALA SJ-1 | 763 A | 6.43 | 71 | 35.4 | 12.9 | .53 | 1.17 | 135 |
| ACALA 1517D | 740 A | 6.65 | 69 | 34.6 | 13.3 | .57 | 1.22 | 149 |
| ARIZ. 5915 | 712 A | 6.82 | 67 | 36.0 | 13.0 | .52 | 1.17 | 132 |

LOCATIONS COMBINING VARIETIES

| | | | | | | | | |
|-----------------|------|------|----|------|------|-----|------|-----|
| SHAFTER, CAL. | 986 | 7.39 | 62 | 36.7 | 13.7 | .50 | 1.11 | 134 |
| BRAWLEY, CAL. | 924 | 5.41 | 84 | 37.1 | 12.6 | .54 | 1.15 | 146 |
| PHOENIX, ARIZ. | 1090 | 5.62 | 81 | 34.8 | 13.4 | .56 | 1.15 | 146 |
| MARANA, ARIZ. | 1081 | 6.61 | 69 | 36.3 | 12.9 | .56 | 1.17 | 134 |
| LAS C., N. MEX. | 1111 | 7.05 | 65 | 37.9 | 11.9 | .52 | 1.15 | 126 |
| EL PASO, TEX. | 890 | 6.35 | 72 | 36.6 | 13.7 | .56 | 1.19 | 139 |
| LOGANDALE, NEV. | 623 | | | 34.0 | 13.1 | .48 | 1.09 | 128 |

1966 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • • | • • STELOMETER • TO • T1 • E1 • | • • AREAAL- • METER • A • D • | • • COLORI- • METER • RD • B • | | | | |
|----------------|-------------------------------|---|-------------|--|---|--|-----|----|----|-----|
| STONEVILLE 7A | 4.29 | 1.15 | .90 | 38.2 | 17.7 | 6.9 | 445 | 34 | 76 | 8.0 |
| HOPICALA | 4.06 | 1.16 | .95 | 43.6 | 22.4 | 7.5 | 468 | 39 | 77 | 7.9 |
| COKER 201 | 4.34 | 1.13 | .88 | 37.2 | 18.3 | 7.4 | 459 | 36 | 76 | 8.1 |
| ACALA IMPERIAL | 4.26 | 1.15 | .94 | 40.6 | 20.8 | 7.5 | 456 | 36 | 76 | 8.1 |
| N. MEX. 9170 | 4.18 | 1.25 | 1.01 | 43.9 | 23.0 | 7.3 | 465 | 32 | 77 | 8.1 |
| E-364 | 4.03 | 1.21 | .98 | 42.5 | 22.3 | 7.2 | 473 | 34 | 77 | 8.2 |
| ARIZ. 6024 | 4.29 | 1.17 | .96 | 41.5 | 21.3 | 7.3 | 454 | 31 | 78 | 8.1 |
| ACALA 1517V | 3.89 | 1.25 | 1.02 | 43.1 | 22.3 | 7.0 | 487 | 35 | 78 | 7.6 |
| ACALA 4-42 | 4.09 | 1.20 | .99 | 39.7 | 21.7 | 8.5 | 475 | 46 | 76 | 7.9 |
| ARIZ. 6020 | 4.06 | 1.19 | .99 | 39.8 | 21.4 | 8.2 | 473 | 39 | 78 | 8.0 |
| ACALA SJ-1 | 4.29 | 1.21 | .98 | 41.4 | 22.0 | 7.5 | 467 | 41 | 77 | 8.1 |
| ACALA 1517D | 4.10 | 1.26 | 1.04 | 43.0 | 23.1 | 7.6 | 474 | 32 | 76 | 8.0 |
| ARIZ. 5915 | 4.25 | 1.19 | .97 | 42.6 | 22.1 | 7.5 | 456 | 36 | 76 | 8.4 |
| PAYMASTER 54B | 4.24 | .99 | .80 | 33.3 | 17.2 | 9.7 | 461 | 34 | 76 | 8.0 |

SUBREGIONAL SUMMARY COMBINING BRAWLEY, PHOENIX, AND MARANA

| | | | | | | | | | | |
|----------------|------|------|------|------|------|-----|-----|----|----|-----|
| STONEVILLE 7A | 4.67 | 1.18 | .94 | 39.2 | 17.8 | 6.4 | 421 | 25 | 76 | 7.5 |
| COKER 201 | 4.77 | 1.17 | .93 | 38.6 | 18.9 | 7.0 | 433 | 28 | 77 | 8.3 |
| ACALA IMPERIAL | 4.47 | 1.18 | .99 | 41.4 | 21.5 | 7.3 | 439 | 34 | 76 | 8.4 |
| HOPICALA | 4.23 | 1.18 | .98 | 44.9 | 23.6 | 7.3 | 465 | 40 | 77 | 7.8 |
| E-364 | 4.25 | 1.22 | 1.00 | 44.4 | 23.3 | 6.9 | 451 | 27 | 77 | 8.0 |
| ACALA SJ-1 | 4.41 | 1.25 | 1.05 | 42.1 | 22.8 | 7.5 | 450 | 32 | 76 | 8.1 |
| ACALA 4-42 | 4.34 | 1.23 | 1.04 | 40.4 | 22.2 | 8.3 | 461 | 41 | 76 | 7.6 |
| ARIZ. 5915 | 4.54 | 1.21 | 1.00 | 44.6 | 23.0 | 7.1 | 438 | 29 | 76 | 8.4 |
| ARIZ. 6024 | 4.46 | 1.18 | .98 | 43.0 | 22.7 | 6.5 | 437 | 30 | 78 | 8.1 |
| ACALA 1517D | 4.42 | 1.28 | 1.09 | 43.4 | 23.4 | 7.4 | 449 | 24 | 77 | 8.3 |
| ARIZ. 6020 | 4.26 | 1.20 | 1.01 | 41.2 | 22.4 | 7.5 | 455 | 35 | 78 | 8.0 |
| N. MEX. 9170 | 4.40 | 1.26 | 1.04 | 45.0 | 23.8 | 7.0 | 457 | 26 | 77 | 7.9 |
| ACALA 1517V | 4.08 | 1.26 | 1.03 | 43.9 | 23.3 | 6.7 | 475 | 27 | 78 | 7.7 |
| PAYMASTER 54B | 4.61 | 1.02 | .85 | 33.8 | 17.8 | 9.0 | 436 | 24 | 75 | 7.9 |

SUBREGIONAL SUMMARY COMBINING LAS CRUCES, EL PASO, AND LOGANDALE

| | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|
| N. MEX. 9170 | 3.89 | 1.25 | .98 | 42.3 | 22.3 | 7.1 | 484 | 43 | 78 | 7.9 |
| HOPICALA | 3.79 | 1.16 | .93 | 41.4 | 21.1 | 6.0 | 400 | 44 | 78 | 7.8 |
| ACALA 1517V | 3.63 | 1.25 | 1.00 | 41.4 | 20.8 | 7.5 | 510 | 48 | 78 | 7.3 |
| ARIZ. 6020 | 3.77 | 1.19 | .98 | 37.6 | 20.5 | 9.2 | 500 | 47 | 79 | 7.9 |
| ARIZ. 6024 | 4.02 | 1.16 | .93 | 39.1 | 19.6 | 8.6 | 480 | 37 | 79 | 8.0 |
| COKER 201 | 3.90 | 1.10 | .84 | 35.2 | 17.5 | 8.1 | 496 | 49 | 75 | 7.8 |
| ACALA 4-42 | 3.76 | 1.18 | .96 | 38.0 | 21.0 | 9.0 | 498 | 57 | 77 | 7.9 |
| ACALA IMPERIAL | 3.98 | 1.12 | .89 | 39.0 | 20.2 | 8.1 | 485 | 46 | 76 | 7.4 |
| E-364 | 3.76 | 1.21 | .97 | 40.3 | 21.2 | 7.7 | 504 | 45 | 77 | 8.1 |
| STONEVILLE 7A | 3.85 | 1.13 | .87 | 36.7 | 17.4 | 7.4 | 476 | 47 | 76 | 7.8 |
| PAYMASTER 54B | 3.81 | .97 | .77 | 32.1 | 16.6 | 10.6 | 501 | 49 | 76 | 7.7 |
| ACALA SJ-1 | 4.12 | 1.18 | .92 | 39.4 | 21.1 | 7.8 | 499 | 57 | 77 | 7.7 |
| ACALA 1517D | 3.75 | 1.25 | .99 | 41.0 | 22.5 | 8.0 | 508 | 43 | 74 | 7.3 |
| ARIZ. 5915 | 3.91 | 1.18 | .94 | 40.4 | 21.1 | 8.1 | 481 | 46 | 77 | 8.3 |

LOCATIONS COMBINING VARIETIES

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|-----|-----|----|----|-----|
| SHAFTER, CAL. | 4.37 | 1.16 | .94 | 43.3 | 21.6 | 6.9 | 436 | 21 | 77 | 9.0 |
| BRAWLEY, CAL. | 4.44 | 1.19 | .98 | 44.7 | 22.3 | 6.8 | 442 | 26 | 78 | 7.6 |
| PHOENIX, ARIZ. | 4.48 | 1.20 | 1.01 | 42.2 | 22.6 | 7.3 | 449 | 30 | 76 | 8.3 |
| MARANA, ARIZ. | 4.34 | 1.20 | .98 | 38.6 | 20.7 | 7.8 | 451 | 35 | 76 | 8.0 |
| LAS C., N. MEX. | 3.41 | 1.15 | .91 | 35.1 | 19.6 | 9.1 | 530 | 62 | 76 | 7.3 |
| EL PASO, TEX. | 4.10 | 1.24 | 1.03 | 36.5 | 19.9 | 8.9 | 474 | 45 | 81 | 8.1 |
| LOGANDALE, NEV. | 4.04 | 1.11 | .84 | 44.8 | 21.1 | 6.9 | 475 | 34 | 74 | 7.8 |

1966 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

| BOLL SIZE, GRAM PER BOLL | | BOLL SIZE, NO. PER LB. | | LINT PCT. | |
|--------------------------|----------|------------------------|--------|----------------|----------|
| ACALA 4-42 | 7.06 A | STONEVILLE 7A | 82 A | ACALA 4-42 | 38.2 A |
| HOPICALA | 6.75 AB | COKER 201 | 78 B | PAYMASTER 54B | 37.7 AB |
| E-364 | 6.63 BC | ACALA IMPERIAL | 75 BC | COKER 201 | 37.5 ABC |
| ARIZ. 6024 | 6.62 BC | N. MEX. 9170 | 73 CD | HOPICALA | 37.0 BCD |
| ACALA 1517V | 6.55 BC | ACALA 1517D | 72 CDE | ARIZ. 6024 | 36.8 CDE |
| ARIZ. 6020 | 6.52 BC | PAYMASTER 54B | 72 CDE | STONEVILLE 7A | 36.4 DEF |
| ACALA SJ-1 | 6.49 BC | ARIZ. 5915 | 72 CDE | ARIZ. 5915 | 36.4 DEF |
| ACALA 1517D | 6.42 BCD | ACALA SJ-1 | 71 DE | ACALA IMPERIAL | 36.0 EF |
| PAYMASTER 54B | 6.40 BCD | ACALA 1517V | 70 DE | ARIZ. 6020 | 35.6 FG |
| ARIZ. 5915 | 6.39 BCD | E-364 | 70 DE | ACALA 1517V | 35.5 FG |
| N. MEX. 9170 | 6.30 CD | ARIZ. 6020 | 70 DE | E-364 | 35.5 FG |
| ACALA IMPERIAL | 6.08 DE | ARIZ. 6024 | 69 DE | ACALA SJ-1 | 35.5 FG |
| COKER 201 | 5.87 EF | HOPICALA | 68 EF | N. MEX. 9170 | 34.7 GH |
| STONEVILLE 7A | 5.61 F | ACALA 4-42 | 65 F | ACALA 1517D | 34.0 H |

| SEED INDEX | | SPAN LENGTH, 50 PCT. | | SPAN LENGTH, 2.5 PCT. | |
|----------------|---------|----------------------|--------|-----------------------|---------|
| ARIZ. 6020 | 14.0 A | ACALA 1517D | .57 A | ACALA 1517D | 1.22 A |
| ACALA 1517D | 13.9 AB | ACALA 1517V | .56 AB | ACALA 1517V | 1.22 A |
| N. MEX. 9170 | 13.8 AB | N. MEX. 9170 | .56 AB | N. MEX. 9170 | 1.21 A |
| ACALA 4-42 | 13.7 AB | ACALA SJ-1 | .55 BC | E-364 | 1.18 B |
| E-364 | 13.7 AB | ARIZ. 5915 | .55 BC | ACALA SJ-1 | 1.17 BC |
| ACALA SJ-1 | 13.7 AB | ARIZ. 6020 | .55 BC | ARIZ. 5915 | 1.17 BC |
| ACALA 1517V | 13.6 AB | ARIZ. 6024 | .55 BC | ARIZ. 6020 | 1.15 CD |
| ARIZ. 5915 | 13.3 AB | ACALA 4-42 | .54 CD | ARIZ. 6024 | 1.15 CD |
| ARIZ. 6024 | 13.3 AB | HOPICALA | .53 DE | ACALA 4-42 | 1.13 DE |
| HOPICALA | 13.2 B | E-364 | .53 DE | HOPICALA | 1.13 DE |
| ACALA IMPERIAL | 12.1 C | ACALA IMPERIAL | .52 E | STONEVILLE 7A | 1.11 EF |
| PAYMASTER 54B | 11.7 CD | STONEVILLE 7A | .49 F | ACALA IMPERIAL | 1.11 EF |
| COKER 201 | 11.4 CD | COKER 201 | .49 F | COKER 201 | 1.10 F |
| STONEVILLE 7A | 11.3 D | PAYMASTER 54B | .45 G | PAYMASTER 54B | .96 G |

| 22'S | | MICRONAIRE | | DRAWING SLIVER, UHM | |
|----------------|---------|----------------|----------|---------------------|---------|
| N. MEX. 9170 | 154 A | COKER 201 | 4.34 A | ACALA 1517D | 1.26 A |
| ACALA 1517D | 153 A | STONEVILLE 7A | 4.29 AB | ACALA 1517V | 1.25 A |
| ACALA 1517V | 151 A | ACALA SJ-1 | 4.29 AB | N. MEX. 9170 | 1.25 A |
| HOPICALA | 145 B | ARIZ. 6024 | 4.29 AB | E-364 | 1.21 B |
| E-364 | 143 BC | ACALA IMPERIAL | 4.26 AB | ACALA SJ-1 | 1.21 B |
| ARIZ. 6020 | 142 BCD | ARIZ. 5915 | 4.25 AB | ACALA 4-42 | 1.20 B |
| ACALA SJ-1 | 140 BCD | PAYMASTER 54B | 4.24 AB | ARIZ. 5915 | 1.19 BC |
| ARIZ. 5915 | 140 BCD | N. MEX. 9170 | 4.18 AB | ARIZ. 6020 | 1.19 BC |
| ACALA 4-42 | 138 CDE | ACALA 1517D | 4.10 ABC | ARIZ. 6024 | 1.17 CD |
| ARIZ. 6024 | 137 DE | ACALA 4-42 | 4.09 ABC | HOPICALA | 1.16 D |
| ACALA IMPERIAL | 134 E | HOPICALA | 4.06 BC | STONEVILLE 7A | 1.15 DE |
| STONEVILLE 7A | 113 F | ARIZ. 6020 | 4.06 BC | ACALA IMPERIAL | 1.15 DE |
| COKER 201 | 113 F | E-364 | 4.03 BC | COKER 201 | 1.13 E |
| PAYMASTER 54B | 105 G | ACALA 1517V | 3.89 C | PAYMASTER 54B | .99 F |

1966 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

| DRAWING SLIVER, MEAN | | STELOMETER - TO | | AREALOMETER - D | |
|----------------------|----------|-----------------|----------|-----------------|--------|
| ACALA 1517D | 1.04 A | N. MEX. 9170 | 43.9 A | ACALA 4-42 | 46 A |
| ACALA 1517V | 1.02 AB | HOPICALA | 43.6 AB | ACALA SJ-1 | 41 AB |
| N. MEX. 9170 | 1.01 ABC | ACALA 1517V | 43.1 AB | HOPICALA | 39 ABC |
| ACALA 4-42 | .99 BCD | ACALA 1517D | 43.0 AB | ARIZ. 6020 | 39 ABC |
| ARIZ. 6020 | .99 BCD | ARIZ. 5915 | 42.6 BC | COKER 201 | 36 BC |
| E-364 | .98 CDE | E-364 | 42.5 BCD | ACALA IMPERIAL | 36 BC |
| ACALA SJ-1 | .98 CDE | ARIZ. 6024 | 41.5 CDE | ARIZ. 5915 | 36 BC |
| ARIZ. 5915 | .97 DEF | ACALA SJ-1 | 41.4 DE | ACALA 1517V | 35 BC |
| ARIZ. 6024 | .96 DEF | ACALA IMPERIAL | 40.6 EF | PAYMASTER 54B | 34 BC |
| HOPICALA | .95 EF | ARIZ. 6020 | 39.8 F | STONEVILLE 7A | 34 BC |
| ACALA IMPERIAL | .94 F | ACALA 4-42 | 39.7 F | E-364 | 34 BC |
| STONEVILLE 7A | .90 G | STONEVILLE 7A | 38.2 G | ACALA 1517D | 32 C |
| COKER 201 | .88 G | COKER 201 | 37.2 G | N. MEX. 9170 | 32 C |
| PAYMASTER 54B | .80 H | H PAYMASTER 54B | 33.3 H | ARIZ. 6024 | 31 C |

| STELOMETER - E1 | | STELOMETER - T1 | | AREALOMETER - A | |
|-----------------|---------|-----------------|----------|-----------------|----------|
| PAYMASTER 54B | 9.7 A | ACALA 1517D | 23.1 A | ACALA 1517V | 487 A |
| ACALA 4-42 | 8.5 B | N. MEX. 9170 | 23.0 AB | ACALA 4-42 | 475 AB |
| ARIZ. 6020 | 8.2 B | HOPICALA | 22.4 ABC | ACALA 1517D | 474 ABC |
| ACALA 1517D | 7.6 C | ACALA 1517V | 22.3 BC | E-364 | 473 ABC |
| HOPICALA | 7.5 CD | E-364 | 22.3 BC | ARIZ. 6020 | 473 ABC |
| ACALA IMPERIAL | 7.5 CD | ARIZ. 5915 | 22.1 CD | HOPICALA | 468 BCD |
| ACALA SJ-1 | 7.5 CD | ACALA SJ-1 | 22.0 CD | ACALA SJ-1 | 467 BCD |
| ARIZ. 5915 | 7.5 CD | ACALA 4-42 | 21.7 CD | N. MEX. 9170 | 465 BCD |
| COKER 201 | 7.4 CD | ARIZ. 6020 | 21.4 DE | PAYMASTER 54B | 461 BCDE |
| ARIZ. 6024 | 7.3 CDE | ARIZ. 6024 | 21.3 DE | COKER 201 | 459 BCDE |
| N. MEX. 9170 | 7.3 CDE | ACALA IMPERIAL | 20.8 E | ACALA IMPERIAL | 456 CDE |
| E-364 | 7.2 CDE | COKER 201 | 18.3 F | ARIZ. 5915 | 456 CDE |
| ACALA 1517V | 7.0 DE | STONEVILLE 7A | 17.7 FG | ARIZ. 6024 | 454 DE |
| STONEVILLE 7A | 6.9 E | PAYMASTER 54B | 17.2 G | STONEVILLE 7A | 445 E |

| COLORIMETER - RD | | COLORIMETER - B | |
|------------------|-------|-----------------|--------|
| ACALA 1517V | 78 A | ARIZ. 5915 | 8.4 A |
| ARIZ. 6020 | 78 A | E-364 | 8.2 A |
| ARIZ. 6024 | 78 A | COKER 201 | 8.1 AB |
| HOPICALA | 77 AB | ACALA IMPERIAL | 8.1 AB |
| E-364 | 77 AB | ACALA SJ-1 | 8.1 AB |
| ACALA SJ-1 | 77 AB | ARIZ. 6024 | 8.1 AB |
| N. MEX. 9170 | 77 AB | N. MEX. 9170 | 8.1 AB |
| ACALA 4-42 | 76 B | ACALA 1517D | 8.0 AB |
| ACALA 1517D | 76 B | PAYMASTER 54B | 8.0 AB |
| PAYMASTER 54B | 76 B | STONEVILLE 7A | 8.0 AB |
| STONEVILLE 7A | 76 B | ARIZ. 6020 | 8.0 AB |
| COKER 201 | 76 B | ACALA 4-42 | 7.9 AB |
| ACALA IMPERIAL | 76 B | HOPICALA | 7.9 AB |
| ARIZ. 5915 | 76 B | ACALA 1517V | 7.6 B |

1966 WESTERN REGIONAL COTTON VARIETY TEST

| VARIETY | • YIELD | | • BOLL SIZE | | • LINT | • SEED | • SPAN LENGTH | | • |
|----------------|------------|--------|-------------|-------|--------|--------|---------------|--------|-----|
| | • LB. | • LINT | • GRAM | • NO. | | | | | |
| | | | | • PER | • PER | • PCT. | • INDEX | • 50 | 2.5 |
| | • PER ACRE | • BOLL | • LB. | • | • | • | • PCT. | • PCT. | • |
| SHAFTER, CAL. | | | | | | | | | |
| STONEVILLE 7A | 1176 A | 6.63 | 69 | 37.3 | 11.8 | .45 | 1.05 | 106 | |
| N. MEX. 9170 | 1096 AB | 7.24 | 63 | 34.4 | 15.6 | .54 | 1.22 | 151 | |
| ACALA 1517V | 1071 AB | 7.42 | 62 | 35.9 | 14.2 | .53 | 1.20 | 155 | |
| ACALA SJ-1 | 1053 ABC | 8.07 | 57 | 35.4 | 14.9 | .53 | 1.14 | 140 | |
| ARIZ. 6024 | 1049 ABC | 7.72 | 59 | 36.6 | 14.1 | .53 | 1.14 | 136 | |
| HOPICALA | 1038 ABC | 7.83 | 58 | 38.1 | 12.5 | .51 | 1.10 | 144 | |
| ACALA IMPERIAL | 999 BC | 6.92 | 66 | 35.8 | 12.1 | .47 | 1.05 | 152 | |
| ACALA 1517D | 995 BC | 7.65 | 60 | 32.7 | 14.6 | .54 | 1.18 | 157 | |
| E-364 | 995 BC | 7.84 | 58 | 35.0 | 14.3 | .50 | 1.16 | 134 | |
| ACALA 4-42 | 958 BC | 8.03 | 57 | 39.8 | 14.4 | .52 | 1.10 | 135 | |
| ARIZ. 6020 | 951 BC | 7.47 | 61 | 36.5 | 15.2 | .54 | 1.15 | 141 | |
| COKER 201 | 933 BC | 6.58 | 69 | 38.5 | 11.6 | .45 | 1.06 | 111 | |
| ARIZ. 5915 | 886 C | 7.21 | 63 | 37.6 | 14.5 | .53 | 1.18 | 144 | |
| PAYMASTER 54B | 599 D | 6.88 | 66 | 38.9 | 11.5 | .43 | .92 | 99 | |
| BRAWLEY, CAL. | | | | | | | | | |
| STONEVILLE 7A | 1099 A | 4.80 | 95 | 37.4 | 10.2 | .50 | 1.12 | 116 | |
| ACALA IMPERIAL | 1026 AB | 5.25 | 87 | 37.4 | 11.4 | .52 | 1.10 | 140 | |
| ACALA SJ-1 | 1019 AB | 5.65 | 81 | 37.5 | 13.9 | .56 | 1.17 | 152 | |
| E-364 | 982 BC | 5.40 | 84 | 37.2 | 13.1 | .55 | 1.19 | 153 | |
| COKER 201 | 977 BC | 5.10 | 90 | 38.9 | 10.9 | .51 | 1.11 | 121 | |
| ACALA 1517D | 965 BC | 5.20 | 88 | 34.8 | 13.5 | .57 | 1.20 | 161 | |
| HOPICALA | 961 BC | 5.80 | 78 | 37.7 | 12.9 | .55 | 1.15 | 159 | |
| ARIZ. 6020 | 917 CD | 5.70 | 80 | 35.9 | 13.9 | .57 | 1.16 | 153 | |
| ARIZ. 5915 | 907 CDE | 5.40 | 85 | 37.0 | 13.0 | .57 | 1.18 | 158 | |
| ACALA 4-42 | 849 DEF | 5.95 | 77 | 39.2 | 13.7 | .54 | 1.14 | 149 | |
| ACALA 1517V | 828 DEF | 5.75 | 79 | 35.8 | 13.2 | .58 | 1.24 | 163 | |
| ARIZ. 6024 | 824 DEF | 5.50 | 83 | 37.6 | 13.3 | .56 | 1.15 | 145 | |
| N. MEX. 9170 | 816 EF | 5.05 | 90 | 35.2 | 13.3 | .57 | 1.20 | 164 | |
| PAYMASTER 54B | 770 F | 5.25 | 87 | 38.0 | 11.0 | .47 | .98 | 115 | |
| PHOENIX, ARIZ. | | | | | | | | | |
| STONEVILLE 7A | 1259 A | 4.90 | 93 | 35.6 | 10.8 | .52 | 1.12 | 116 | |
| COKER 201 | 1229 A | 5.55 | 82 | 35.5 | 12.0 | .52 | 1.10 | 124 | |
| ACALA IMPERIAL | 1228 A | 5.47 | 83 | 34.5 | 12.4 | .54 | 1.13 | 147 | |
| ARIZ. 6024 | 1128 B | 5.88 | 77 | 35.8 | 13.3 | .56 | 1.13 | 150 | |
| HOPICALA | 1122 BC | 5.53 | 82 | 35.3 | 13.7 | .55 | 1.14 | 160 | |
| ACALA 4-42 | 1112 BCD | 6.31 | 72 | 38.1 | 13.8 | .58 | 1.16 | 148 | |
| E-364 | 1100 BCD | 5.90 | 77 | 34.4 | 13.3 | .55 | 1.16 | 149 | |
| N. MEX. 9170 | 1061 BCD | 5.40 | 84 | 32.8 | 14.6 | .61 | 1.22 | 161 | |
| ARIZ. 5915 | 1057 BCD | 5.67 | 80 | 35.0 | 13.8 | .58 | 1.18 | 155 | |
| ACALA SJ-1 | 1030 BCDE | 5.77 | 79 | 34.2 | 14.3 | .57 | 1.17 | 152 | |
| ACALA 1517V | 1019 CDE | 5.52 | 83 | 34.0 | 14.0 | .59 | 1.24 | 160 | |
| ARIZ. 6020 | 1011 DE | 5.65 | 81 | 35.0 | 14.5 | .57 | 1.16 | 153 | |
| PAYMASTER 54B | 953 E | 5.79 | 79 | 35.4 | 12.3 | .47 | .98 | 113 | |
| ACALA 1517D | 947 E | 5.42 | 84 | 32.6 | 15.1 | .61 | 1.24 | 166 | |
| MARANA, ARIZ. | | | | | | | | | |
| HOPICALA | 1225 A | 7.30 | 62 | 37.5 | 13.2 | .56 | 1.14 | 141 | |
| COKER 201 | 1212 A | 6.10 | 75 | 37.7 | 11.4 | .52 | 1.14 | 117 | |
| STONEVILLE 7A | 1167 AB | 5.67 | 80 | 37.2 | 11.3 | .53 | 1.16 | 119 | |
| ACALA 4-42 | 1079 BC | 7.45 | 61 | 38.4 | 13.5 | .55 | 1.14 | 137 | |
| ACALA SJ-1 | 1077 BC | 6.57 | 69 | 35.1 | 14.1 | .59 | 1.20 | 135 | |
| E-364 | 1072 BC | 6.69 | 68 | 35.7 | 13.1 | .55 | 1.21 | 142 | |
| ARIZ. 5915 | 1072 BC | 6.45 | 71 | 37.1 | 13.1 | .58 | 1.19 | 135 | |
| ACALA IMPERIAL | 1065 BC | 6.28 | 73 | 35.6 | 12.3 | .56 | 1.15 | 130 | |
| ARIZ. 6024 | 1042 C | 6.79 | 67 | 37.0 | 13.0 | .57 | 1.18 | 135 | |
| PAYMASTER 54B | 1041 C | 6.76 | 67 | 37.3 | 11.6 | .47 | .98 | 105 | |
| ACALA 1517D | 1031 C | 6.94 | 66 | 34.0 | 14.1 | .60 | 1.23 | 144 | |
| ACALA 1517V | 1027 C | 6.57 | 69 | 35.7 | 13.6 | .61 | 1.25 | 148 | |
| N. MEX. 9170 | 1027 C | 6.33 | 72 | 34.7 | 13.4 | .58 | 1.24 | 152 | |
| ARIZ. 6020 | 1003 C | 6.66 | 69 | 36.2 | 13.9 | .56 | 1.15 | 136 | |

1966 WESTERN REGIONAL COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • STELOMETER • • TO • T1 • E1 • | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • | | | | | |
|-----------------------|-------------------------------|---|---|---|--|-----|-----|----|----|------|
| <u>SHAFTER, CAL.</u> | | | | | | | | | | |
| STONEVILLE 7A | 4.45 | 1.11 | .87 | 39.8 | 18.1 | 6.6 | 422 | 19 | 77 | 10.0 |
| N. MEX. 9170 | 4.42 | 1.25 | 1.01 | 45.8 | 23.0 | 6.7 | 435 | 21 | 77 | 9.0 |
| ACALA 1517V | 4.11 | 1.25 | 1.01 | 46.2 | 23.4 | 6.4 | 460 | 22 | 77 | 8.5 |
| ACALA SJ-1 | 4.47 | 1.19 | .97 | 45.8 | 22.6 | 6.7 | 422 | 19 | 77 | 9.5 |
| ARIZ. 6024 | 4.58 | 1.15 | .95 | 44.0 | 22.6 | 6.1 | 426 | 21 | 78 | 8.5 |
| HOPICALA | 4.38 | 1.14 | .93 | 46.3 | 22.9 | 6.5 | 441 | 23 | 77 | 8.8 |
| ACALA IMPERIAL | 4.51 | 1.11 | .91 | 43.4 | 21.0 | 6.5 | 424 | 15 | 77 | 9.5 |
| ACALA 1517D | 4.22 | 1.26 | 1.03 | 48.0 | 24.0 | 6.9 | 447 | 20 | 76 | 9.0 |
| E-364 | 4.19 | 1.17 | .94 | 43.6 | 22.5 | 6.8 | 443 | 23 | 76 | 9.0 |
| ACALA 4-42 | 4.32 | 1.15 | .95 | 42.4 | 22.4 | 7.6 | 446 | 28 | 77 | 9.0 |
| ARIZ. 6020 | 4.32 | 1.19 | 1.01 | 42.4 | 21.6 | 7.3 | 446 | 23 | 77 | 8.5 |
| COKER 201 | 4.40 | 1.13 | .89 | 39.3 | 19.2 | 6.5 | 430 | 24 | 78 | 8.5 |
| ARIZ. 5915 | 4.42 | 1.21 | .99 | 43.7 | 22.5 | 6.9 | 438 | 26 | 77 | 9.0 |
| PAYMASTER 54B | 4.41 | .96 | .78 | 35.4 | 17.3 | 8.9 | 421 | 18 | 77 | 8.8 |
| <u>BRAWLEY, CAL.</u> | | | | | | | | | | |
| STONEVILLE 7A | 4.68 | 1.18 | .94 | 42.7 | 17.4 | 5.5 | 418 | 21 | 78 | 7.5 |
| ACALA IMPERIAL | 4.47 | 1.18 | .99 | 44.6 | 21.5 | 6.8 | 428 | 29 | 78 | 8.0 |
| ACALA SJ-1 | 4.49 | 1.26 | 1.05 | 46.4 | 23.2 | 6.9 | 439 | 26 | 78 | 8.0 |
| E-364 | 4.29 | 1.21 | .97 | 46.6 | 23.8 | 6.6 | 440 | 20 | 79 | 7.5 |
| COKER 201 | 4.80 | 1.14 | .90 | 41.6 | 19.2 | 6.4 | 418 | 26 | 77 | 7.8 |
| ACALA 1517D | 4.44 | 1.26 | 1.06 | 46.2 | 23.9 | 6.9 | 441 | 20 | 77 | 7.3 |
| HOPICALA | 4.15 | 1.16 | .94 | 48.5 | 24.3 | 6.7 | 452 | 37 | 79 | 7.8 |
| ARIZ. 6020 | 4.27 | 1.19 | .99 | 44.6 | 23.3 | 6.9 | 454 | 28 | 79 | 7.5 |
| ARIZ. 5915 | 4.54 | 1.20 | .99 | 48.0 | 23.7 | 6.6 | 441 | 26 | 78 | 7.5 |
| ACALA 4-42 | 4.30 | 1.27 | 1.07 | 43.9 | 22.9 | 7.6 | 458 | 42 | 78 | 7.5 |
| ACALA 1517V | 4.07 | 1.26 | 1.03 | 44.8 | 23.9 | 6.7 | 472 | 15 | 80 | 7.5 |
| ARIZ. 6024 | 4.50 | 1.17 | .98 | 45.2 | 23.3 | 6.3 | 428 | 27 | 80 | 7.5 |
| N. MEX. 9170 | 4.47 | 1.26 | 1.05 | 47.2 | 24.1 | 6.9 | 472 | 25 | 79 | 7.5 |
| PAYMASTER 54B | 4.68 | 1.02 | .85 | 36.3 | 18.2 | 8.7 | 431 | 21 | 78 | 8.3 |
| <u>PHOENIX, ARIZ.</u> | | | | | | | | | | |
| STONEVILLE 7A | 4.78 | 1.17 | .94 | 38.5 | 18.2 | 6.3 | 413 | 21 | 76 | 7.8 |
| COKER 201 | 4.82 | 1.16 | .96 | 39.0 | 19.0 | 7.0 | 449 | 24 | 77 | 8.5 |
| ACALA IMPERIAL | 4.63 | 1.18 | .99 | 42.4 | 22.3 | 7.0 | 438 | 36 | 75 | 8.5 |
| ARIZ. 6024 | 4.57 | 1.19 | 1.01 | 43.8 | 23.7 | 6.4 | 439 | 27 | 77 | 8.5 |
| HOPICALA | 4.29 | 1.19 | 1.03 | 45.1 | 24.9 | 7.6 | 479 | 47 | 76 | 8.0 |
| ACALA 4-42 | 4.55 | 1.20 | 1.02 | 40.3 | 22.7 | 8.2 | 451 | 32 | 75 | 8.0 |
| E-364 | 4.21 | 1.23 | 1.05 | 44.5 | 24.1 | 7.0 | 460 | 31 | 76 | 8.0 |
| N. MEX. 9170 | 4.35 | 1.26 | 1.05 | 45.2 | 25.0 | 7.1 | 456 | 25 | 77 | 8.5 |
| ARIZ. 5915 | 4.63 | 1.20 | 1.02 | 45.2 | 23.9 | 7.3 | 432 | 28 | 74 | 8.8 |
| ACALA SJ-1 | 4.43 | 1.23 | 1.07 | 41.7 | 24.0 | 7.5 | 455 | 35 | 74 | 8.5 |
| ACALA 1517V | 4.09 | 1.27 | 1.06 | 44.9 | 24.2 | 6.6 | 480 | 37 | 77 | 8.0 |
| ARIZ. 6020 | 4.26 | 1.21 | 1.03 | 41.5 | 23.3 | 7.7 | 457 | 41 | 78 | 8.0 |
| PAYMASTER 54B | 4.80 | 1.03 | .86 | 34.6 | 17.8 | 8.6 | 429 | 18 | 74 | 8.3 |
| ACALA 1517D | 4.42 | 1.32 | 1.14 | 44.2 | 24.3 | 7.3 | 452 | 22 | 78 | 9.3 |
| <u>MARANA, ARIZ.</u> | | | | | | | | | | |
| HOPICALA | 4.24 | 1.19 | .99 | 41.1 | 21.8 | 7.7 | 464 | 36 | 76 | 7.8 |
| COKER 201 | 4.69 | 1.20 | .95 | 35.2 | 18.5 | 7.8 | 431 | 35 | 76 | 8.5 |
| STONEVILLE 7A | 4.57 | 1.20 | .94 | 36.4 | 17.8 | 7.5 | 433 | 33 | 74 | 7.3 |
| ACALA 4-42 | 4.18 | 1.21 | 1.03 | 37.2 | 21.0 | 9.1 | 474 | 50 | 75 | 7.3 |
| ACALA SJ-1 | 4.30 | 1.25 | 1.03 | 38.1 | 21.3 | 8.2 | 456 | 36 | 77 | 7.8 |
| E-364 | 4.26 | 1.22 | .99 | 42.2 | 22.2 | 7.2 | 453 | 31 | 76 | 8.5 |
| ARIZ. 5915 | 4.45 | 1.22 | .99 | 40.7 | 21.3 | 7.4 | 441 | 34 | 76 | 9.0 |
| ACALA IMPERIAL | 4.32 | 1.18 | .99 | 37.1 | 20.6 | 8.0 | 451 | 39 | 76 | 8.8 |
| ARIZ. 6024 | 4.32 | 1.18 | .97 | 40.1 | 21.1 | 6.9 | 446 | 35 | 76 | 8.3 |
| PAYMASTER 54B | 4.36 | 1.02 | .85 | 30.5 | 17.3 | 9.7 | 448 | 34 | 74 | 7.3 |
| ACALA 1517D | 4.39 | 1.27 | 1.07 | 39.8 | 22.1 | 7.9 | 455 | 31 | 76 | 8.5 |
| ACALA 1517V | 4.10 | 1.26 | 1.01 | 42.0 | 22.0 | 6.7 | 472 | 30 | 77 | 7.5 |
| N. MEX. 9170 | 4.38 | 1.26 | 1.03 | 42.5 | 22.3 | 7.1 | 444 | 28 | 75 | 7.8 |
| ARIZ. 6020 | 4.26 | 1.21 | 1.00 | 37.5 | 20.6 | 8.0 | 454 | 37 | 77 | 8.5 |

1966 WESTERN REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|---------------|--------|--------|
| | • YIELD | • BOLL SIZE | • | • | • SEED | • SPAN LENGTH | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • INDEX | • 50 | • 2.5 | • 22'S |
| | • PER ACRE | • PEP | • PER | • PCT. | • | • PCT. | • PCT. | • |

LAS CRUCES, N. MEX.

| | | | | | | | | | |
|----------------|------|----|------|----|------|------|-----|------|-----|
| E-364 | 1298 | A | 7.48 | 61 | 37.2 | 13.1 | .53 | 1.17 | 134 |
| ACALA 1517V | 1268 | A | 7.55 | 60 | 37.5 | 12.7 | .55 | 1.22 | 141 |
| HOPICALA | 1261 | A | 7.63 | 60 | 38.5 | 12.7 | .53 | 1.15 | 136 |
| N. MEX. 9170 | 1256 | A | 7.39 | 62 | 37.0 | 12.5 | .53 | 1.20 | 145 |
| ARIZ. 6020 | 1253 | A | 7.20 | 63 | 37.4 | 12.2 | .54 | 1.15 | 128 |
| ARIZ. 6024 | 1212 | AB | 7.33 | 62 | 39.1 | 12.2 | .53 | 1.15 | 128 |
| ACALA 4-42 | 1092 | BC | 7.64 | 60 | 39.6 | 12.6 | .54 | 1.15 | 133 |
| ACALA 1517D | 1029 | C | 7.21 | 63 | 35.4 | 12.7 | .57 | 1.23 | 143 |
| ACALA SJ-1 | 1025 | C | 7.03 | 65 | 36.5 | 12.3 | .53 | 1.18 | 128 |
| ACALA IMPERIAL | 998 | C | 6.47 | 70 | 36.7 | 10.7 | .52 | 1.11 | 123 |
| ARIZ. 5915 | 990 | C | 7.20 | 63 | 37.6 | 12.0 | .56 | 1.22 | 134 |
| STONEVILLE 7A | 977 | C | 5.50 | 83 | 38.9 | 10.4 | .48 | 1.13 | 102 |
| COKER 201 | 964 | C | 6.21 | 74 | 38.9 | 10.0 | .45 | 1.08 | 99 |
| PAYMASTER 54B | 932 | C | 6.90 | 66 | 39.8 | 10.3 | .44 | .99 | 100 |

EL PASO, TEX.

| | | | | | | | | | |
|----------------|------|-----|------|----|------|------|-----|------|-----|
| HOPICALA | 1076 | A | 6.44 | 71 | 38.0 | 14.1 | .57 | 1.19 | 146 |
| ACALA IMPERIAL | 999 | AB | 6.12 | 75 | 37.9 | 12.5 | .55 | 1.15 | 134 |
| COKER 201 | 993 | AB | 5.67 | 80 | 38.4 | 11.7 | .54 | 1.16 | 115 |
| N. MEX. 9170 | 986 | AB | 6.42 | 71 | 36.0 | 14.3 | .58 | 1.24 | 150 |
| ARIZ. 6020 | 984 | AB | 6.45 | 71 | 35.8 | 14.7 | .58 | 1.18 | 142 |
| ACALA 1517V | 952 | ABC | 6.49 | 70 | 36.8 | 14.5 | .57 | 1.25 | 150 |
| ARIZ. 6024 | 952 | ABC | 6.51 | 70 | 37.4 | 14.3 | .59 | 1.21 | 139 |
| ACALA 4-42 | 919 | ABC | 7.00 | 65 | 37.8 | 14.0 | .57 | 1.18 | 138 |
| E-364 | 883 | BCD | 6.46 | 71 | 35.5 | 15.9 | .59 | 1.25 | 158 |
| STONEVILLE 7A | 856 | BCD | 6.20 | 74 | 35.0 | 11.6 | .51 | 1.16 | 121 |
| ACALA SJ-1 | 791 | CD | 5.84 | 78 | 35.3 | 14.3 | .58 | 1.25 | 148 |
| PAYMASTER 54B | 783 | CD | 6.83 | 67 | 37.3 | 11.6 | .48 | .99 | 106 |
| ARIZ. 5915 | 714 | DE | 6.44 | 71 | 36.6 | 13.8 | .55 | 1.19 | 142 |
| ACALA 1517D | 565 | E | 6.10 | 75 | 35.1 | 14.6 | .58 | 1.25 | 154 |

LOGANDALE, NEV.

| | | | | | | | | | |
|----------------|-----|----|--|--|------|------|-----|------|-----|
| STONEVILLE 7A | 805 | A | | | 33.9 | 13.2 | .47 | 1.06 | 109 |
| COKER 201 | 785 | A | | | 35.0 | 12.2 | .48 | 1.07 | 107 |
| PAYMASTER 54B | 742 | B | | | 47.9 | 13.7 | .39 | .91 | 97 |
| ACALA 4-42 | 725 | BC | | | 34.5 | 14.0 | .47 | 1.09 | 126 |
| ACALA IMPERIAL | 703 | C | | | 33.0 | 13.2 | .48 | 1.08 | 134 |
| N. MEX. 9170 | 626 | D | | | 33.2 | 13.2 | .51 | 1.17 | 154 |
| ACALA 1517D | 625 | D | | | 33.4 | 12.6 | .55 | 1.20 | 151 |
| ARIZ. 6024 | 624 | D | | | 34.0 | 13.0 | .50 | 1.14 | 130 |
| ACALA 1517V | 595 | E | | | 33.0 | 12.9 | .47 | 1.13 | 138 |
| ARIZ. 6020 | 559 | F | | | 32.3 | 13.5 | .52 | 1.15 | 144 |
| E-364 | 517 | G | | | 33.9 | 13.3 | .46 | 1.11 | 130 |
| HOPICALA | 505 | G | | | 34.2 | 13.6 | .46 | 1.06 | 132 |
| ACALA SJ-1 | 474 | H | | | 34.6 | 12.0 | .48 | 1.10 | 128 |
| ARIZ. 5915 | 431 | I | | | 33.8 | 13.1 | .46 | 1.09 | 119 |

1966 WESTERN REGIONAL COTTON VARIETY TEST

| VARIETY | • • • | • • • | DRAWING • SLIVER • UHM • MEAN | • • • | STELOMETER • TO • T1 • E1 | • • • | AREALO- • METER • A • D | • • • | COLORI- • METER • RD • B | • • • |
|---------|-------------|-------------|-------------------------------------|-------------|------------------------------|-------------|-------------------------------|-------------|--------------------------------|-------------|
| | | | | | | | | | | |
| | | | | | | | | | | |

LAS CRUCES, N. MEX.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|
| E-364 | 3.53 | 1.18 | .94 | 36.2 | 20.4 | 8.5 | 523 | 58 | 77 | 8.0 |
| ACALA 1517V | 3.58 | 1.25 | 1.00 | 36.6 | 20.2 | 8.3 | 522 | 54 | 77 | 7.3 |
| HOPICALA | 3.46 | 1.16 | .95 | 37.8 | 20.3 | 9.1 | 528 | 58 | 76 | 7.5 |
| N. MEX. 9170 | 3.71 | 1.23 | .96 | 39.1 | 21.5 | 8.7 | 504 | 51 | 79 | 7.5 |
| ARIZ. 6020 | 3.44 | 1.17 | .97 | 32.3 | 19.0 | 10.5 | 544 | 63 | 79 | 7.5 |
| ARIZ. 6024 | 3.75 | 1.15 | .93 | 36.0 | 19.9 | 8.6 | 500 | 49 | 79 | 8.0 |
| ACALA 4-42 | 3.44 | 1.16 | .96 | 35.8 | 20.8 | 9.7 | 530 | 68 | 75 | 7.3 |
| ACALA 1517D | 3.32 | 1.21 | .94 | 37.1 | 21.4 | 8.5 | 534 | 52 | 72 | 6.3 |
| ACALA SJ-1 | 2.92 | 1.17 | .88 | 35.1 | 20.3 | 8.7 | 539 | 66 | 77 | 7.0 |
| ACALA IMPERIAL | 3.60 | 1.11 | .89 | 35.3 | 18.8 | 9.0 | 527 | 57 | 74 | 7.0 |
| ARIZ. 5915 | 3.73 | 1.20 | .96 | 38.3 | 20.8 | 9.1 | 513 | 66 | 77 | 7.5 |
| STONEVILLE 7A | 3.07 | 1.08 | .79 | 32.5 | 17.0 | 8.4 | 557 | 79 | 75 | 7.5 |
| COKER 201 | 3.15 | 1.05 | .77 | 31.5 | 17.2 | 8.9 | 559 | 72 | 75 | 7.3 |
| PAYMASTER 54B | 3.10 | .97 | .79 | 28.5 | 16.7 | 12.1 | 546 | 71 | 75 | 7.3 |

EL PASO, TEX.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-----|----|----|-----|
| HOPICALA | 4.17 | 1.23 | 1.04 | 39.2 | 20.8 | 8.5 | 465 | 40 | 82 | 8.0 |
| ACALA IMPERIAL | 4.10 | 1.17 | .96 | 36.4 | 19.9 | 8.9 | 473 | 51 | 79 | 8.3 |
| COKER 201 | 4.34 | 1.21 | .98 | 33.4 | 17.1 | 8.9 | 460 | 41 | 80 | 8.5 |
| N. MEX. 9170 | 4.17 | 1.33 | 1.11 | 38.9 | 21.3 | 8.3 | 454 | 42 | 80 | 8.3 |
| ARIZ. 6020 | 4.02 | 1.25 | 1.07 | 34.5 | 19.7 | 10.3 | 474 | 40 | 81 | 8.3 |
| ACALA 1517V | 3.80 | 1.33 | 1.12 | 39.7 | 20.3 | 8.2 | 481 | 50 | 82 | 7.0 |
| ARIZ. 6024 | 4.19 | 1.23 | 1.04 | 36.1 | 20.3 | 8.7 | 476 | 37 | 81 | 7.5 |
| ACALA 4-42 | 4.02 | 1.24 | 1.06 | 35.5 | 20.3 | 9.9 | 500 | 55 | 81 | 8.3 |
| E-364 | 4.05 | 1.32 | 1.12 | 38.5 | 22.1 | 8.2 | 478 | 39 | 81 | 7.8 |
| STONEVILLE 7A | 4.36 | 1.24 | .97 | 35.0 | 17.4 | 8.0 | 441 | 46 | 80 | 8.3 |
| ACALA SJ-1 | 4.11 | 1.26 | 1.04 | 38.1 | 21.3 | 8.3 | 484 | 57 | 81 | 8.0 |
| PAYMASTER 54B | 4.22 | 1.02 | .84 | 30.5 | 16.0 | 11.0 | 485 | 43 | 80 | 8.3 |
| ARIZ. 5915 | 3.94 | 1.23 | 1.04 | 37.7 | 20.9 | 8.7 | 476 | 47 | 82 | 9.5 |
| ACALA 1517D | 3.94 | 1.32 | 1.11 | 38.2 | 21.9 | 8.6 | 494 | 42 | 81 | 8.3 |

LOGANDALE, NEV.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| STONEVILLE 7A | 4.13 | 1.09 | .84 | 42.5 | 18.0 | 5.8 | 430 | 16 | 73 | 7.5 |
| COKER 201 | 4.20 | 1.03 | .76 | 40.6 | 18.4 | 6.7 | 469 | 34 | 70 | 7.5 |
| PAYMASTER 54B | 4.11 | .92 | .68 | 37.3 | 17.2 | 8.9 | 471 | 32 | 73 | 7.7 |
| ACALA 4-42 | 3.83 | 1.15 | .88 | 42.7 | 22.0 | 7.6 | 465 | 49 | 74 | 8.3 |
| ACALA IMPERIAL | 4.23 | 1.10 | .84 | 45.3 | 22.0 | 6.4 | 456 | 29 | 75 | 7.0 |
| N. MEX. 9170 | 3.81 | 1.18 | .88 | 48.9 | 24.1 | 6.3 | 494 | 36 | 75 | 8.0 |
| ACALA 1517D | 4.00 | 1.21 | .92 | 47.9 | 24.1 | 7.0 | 497 | 36 | 70 | 7.5 |
| ARIZ. 6024 | 4.11 | 1.12 | .83 | 45.4 | 18.7 | 8.4 | 465 | 25 | 76 | 8.5 |
| ACALA 1517V | 3.52 | 1.17 | .89 | 47.8 | 22.0 | 6.1 | 526 | 40 | 74 | 7.5 |
| ARIZ. 6020 | 3.84 | 1.16 | .90 | 46.0 | 22.8 | 6.9 | 484 | 39 | 77 | 8.0 |
| E-364 | 3.70 | 1.15 | .85 | 46.2 | 21.1 | 6.4 | 513 | 40 | 74 | 8.5 |
| HOPICALA | 3.74 | 1.09 | .81 | 47.2 | 22.2 | 6.4 | 447 | 34 | 75 | 7.8 |
| ACALA SJ-1 | 5.33 | 1.11 | .84 | 45.0 | 21.7 | 6.6 | 476 | 49 | 74 | 8.0 |
| ARIZ. 5915 | 4.05 | 1.10 | .84 | 45.2 | 21.6 | 6.7 | 456 | 27 | 72 | 7.8 |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • YIELD | | • BOLL SIZE | | • LINT | • SEED | • SPAN LENGTH | | • 22'S |
|----------------|------------|------------|-------------|----------------|--------|---------|---------------|--------|--------|
| | • LB. LINT | • PER ACRE | • GRAM | • NO. PER BOLL | | | • 50 | • 2.5 | |
| | | | | • LB. | • PCT. | • INDEX | • PCT. | • PCT. | |
| COKER 201 | 880 | A | 6.50 | 71 | 39.9 | 11.6 | .45 | 1.05 | 106 |
| DELTAPINE 5540 | 876 | A | 6.33 | 72 | 39.9 | 11.9 | .44 | 1.05 | 116 |
| ACALA SJ-1 | 872 | A | 7.44 | 61 | 37.6 | 14.1 | .50 | 1.12 | 137 |
| AUBURN 56 | 867 | A | 6.45 | 71 | 38.1 | 11.8 | .43 | 1.02 | 104 |
| HOPICALA | 853 | AB | 7.75 | 59 | 38.4 | 13.7 | .49 | 1.10 | 141 |
| ACALA 4-42 | 825 | AB | 8.13 | 56 | 39.8 | 14.0 | .49 | 1.10 | 134 |
| ACALA 1517V | 803 | AB | 7.16 | 64 | 36.9 | 13.8 | .52 | 1.18 | 148 |
| STONEVILLE 7A | 797 | AB | 6.03 | 76 | 38.1 | 11.3 | .45 | 1.07 | 103 |
| ACALA 1517D | 775 | B | 7.20 | 64 | 35.8 | 14.1 | .52 | 1.17 | 149 |

LOCATIONS COMBINING VARIETIES

| LOCATION | • YIELD | | • BOLL SIZE | | • LINT | • SEED | • SPAN LENGTH | | • 22'S |
|-----------------|------------|------------|-------------|----------------|--------|---------|---------------|--------|--------|
| | • LB. LINT | • PER ACRE | • GRAM | • NO. PER BOLL | | | • 50 | • 2.5 | |
| | | | | • LB. | • PCT. | • INDEX | • PCT. | • PCT. | |
| KERN LAKE, CAL. | 1331 | | 7.87 | 59 | 37.2 | 13.3 | .49 | 1.12 | 122 |
| LEMOORE, CAL. | 826 | | 6.94 | 66 | 38.3 | 12.5 | .46 | 1.08 | 131 |
| TULARE, CAL. | 661 | | 6.86 | 67 | 39.1 | 12.7 | .47 | 1.08 | 123 |
| KIRNEY P., CAL. | 849 | | 7.05 | 65 | 37.6 | 13.7 | .50 | 1.13 | 122 |
| DOS PALOS, CAL. | 645 | | 7.34 | 63 | 37.7 | 13.6 | .48 | 1.12 | 132 |
| RIDALE, CAL. | 777 | | 6.28 | 73 | 39.0 | 11.8 | .47 | 1.06 | 131 |
| WOODVILLE, CAL. | 781 | | 6.66 | 69 | 38.9 | 12.9 | .46 | 1.09 | 123 |

BOLL SIZE, GRAM PER BOLL

| | | |
|----------------|------|----|
| ACALA 4-42 | 8.13 | A |
| HOPICALA | 7.75 | B |
| ACALA SJ-1 | 7.44 | BC |
| ACALA 1517D | 7.20 | C |
| ACALA 1517V | 7.16 | C |
| COKER 201 | 6.50 | D |
| AUBURN 56 | 6.45 | D |
| DELTAPINE 5540 | 6.33 | DE |
| STONEVILLE 7A | 6.03 | E |

BOLL SIZE, NO. PER LB.

| | | |
|----------------|----|----|
| STONEVILLE 7A | 76 | A |
| DELTAPINE 5540 | 72 | B |
| AUBURN 56 | 71 | B |
| COKER 201 | 71 | B |
| ACALA 1517D | 64 | C |
| ACALA 1517V | 64 | C |
| ACALA SJ-1 | 61 | CD |
| HOPICALA | 59 | DE |
| ACALA 4-42 | 56 | E |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • MICRO- • NAIRE • | • • SLIVER • UHM • | • • DRAWING • MEAN • | • • TO • | STELOMETER | | | AREALO- | | COLORI- | |
|----------------|-------------------------------|-----------------------------|-------------------------------|----------------|------------|-----|-----|---------|----|---------|---|
| | | | | | • | • | • | • | • | • | • |
| | | | | | T0 | T1 | E1 | A | D | RD | B |
| COKER 201 | 4.43 | 1.05 | .82 | 38.5 | 17.4 | 6.8 | 429 | 36 | 76 | 8.0 | |
| DELTAPINE 5540 | 3.93 | 1.03 | .81 | 38.7 | 18.7 | 7.0 | 470 | 45 | 75 | 8.4 | |
| ACALA SJ-1 | 4.55 | 1.13 | .92 | 44.5 | 21.8 | 6.5 | 431 | 37 | 75 | 8.5 | |
| AUBURN 56 | 4.07 | 1.01 | .80 | 36.7 | 17.6 | 7.8 | 454 | 45 | 76 | 7.9 | |
| HOPICALA | 4.24 | 1.11 | .91 | 45.0 | 21.7 | 6.6 | 443 | 39 | 76 | 8.3 | |
| ACALA 4-42 | 4.25 | 1.11 | .90 | 40.8 | 20.9 | 7.5 | 450 | 45 | 76 | 8.5 | |
| ACALA 1517V | 4.01 | 1.19 | .96 | 44.7 | 22.5 | 6.5 | 464 | 34 | 75 | 7.9 | |
| STONEVILLE 7A | 4.30 | 1.05 | .80 | 38.6 | 16.7 | 6.3 | 436 | 39 | 75 | 8.1 | |
| ACALA 1517D | 4.21 | 1.19 | .97 | 44.0 | 22.5 | 6.9 | 451 | 36 | 75 | 8.2 | |

LOCATIONS COMBINING VARIETIES

| LOCATION | • • MICRO- • NAIRE • | • • SLIVER • UHM • | • • DRAWING • MEAN • | • • TO • | STELOMETER | | | AREALO- | | COLORI- | |
|-----------------|-------------------------------|-----------------------------|-------------------------------|----------------|------------|-----|-----|---------|----|---------|---|
| | | | | | • | • | • | • | • | • | • |
| | | | | | T0 | T1 | E1 | A | D | RD | B |
| KERN LAKE, CAL. | 4.06 | 1.10 | .85 | 39.2 | 19.6 | 7.9 | 486 | 28 | 77 | 8.5 | |
| LEMOORE, CAL. | 4.33 | 1.04 | .82 | 43.9 | 20.4 | 6.2 | 441 | 39 | 77 | 8.3 | |
| TULARE, CAL. | 4.07 | 1.06 | .84 | 42.5 | 19.9 | 6.6 | 443 | 40 | 75 | 7.9 | |
| KIRNEY P., CAL. | 4.39 | 1.14 | .95 | 38.0 | 19.6 | 7.6 | 429 | 37 | 73 | 8.6 | |
| DOS PALOS, CAL. | 3.98 | 1.13 | .94 | 41.1 | 19.7 | 6.3 | 460 | 51 | 76 | 7.8 | |
| RIDALE, CAL. | 4.37 | 1.08 | .86 | 44.1 | 21.0 | 6.7 | 437 | 47 | 75 | 8.5 | |
| WOODVILLE, CAL. | 4.35 | 1.12 | .88 | 40.1 | 19.7 | 6.9 | 437 | 36 | 76 | 7.9 | |

LINT PCT.

| | | |
|----------------|------|----|
| COKER 201 | 39.9 | A |
| DELTAPINE 5540 | 39.9 | A |
| ACALA 4-42 | 39.8 | A |
| HOPICALA | 38.4 | B |
| AUBURN 56 | 38.1 | B |
| STONEVILLE 7A | 38.1 | B |
| ACALA SJ-1 | 37.6 | BC |
| ACALA 1517V | 36.9 | C |
| ACALA 1517D | 35.8 | D |

SEED INDEX

| | | |
|----------------|------|----|
| ACALA 1517D | 14.1 | A |
| ACALA SJ-1 | 14.1 | A |
| ACALA 4-42 | 14.0 | A |
| ACALA 1517V | 13.8 | A |
| HOPICALA | 13.7 | A |
| DELTAPINE 5540 | 11.9 | B |
| AUBURN 56 | 11.8 | B |
| COKER 201 | 11.6 | BC |
| STONEVILLE 7A | 11.3 | C |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.

| | | |
|----------------|-----|----|
| ACALA 1517D | .52 | A |
| ACALA 1517V | .52 | A |
| ACALA SJ-1 | .50 | B |
| ACALA 4-42 | .49 | B |
| HOPICALA | .49 | B |
| STONEVILLE 7A | .45 | C |
| COKER 201 | .45 | C |
| DELTAPINE 5540 | .44 | CD |
| AUBURN 56 | .43 | D |

SPAN LENGTH, 2.5 PCT.

| | | |
|----------------|------|---|
| ACALA 1517V | 1.18 | A |
| ACALA 1517D | 1.17 | A |
| ACALA SJ-1 | 1.12 | B |
| ACALA 4-42 | 1.10 | C |
| HOPICALA | 1.10 | C |
| STONEVILLE 7A | 1.07 | D |
| COKER 201 | 1.05 | E |
| DELTAPINE 5540 | 1.05 | E |
| AUBURN 56 | 1.02 | F |

22'S

| | | |
|----------------|-----|---|
| ACALA 1517D | 149 | A |
| ACALA 1517V | 148 | A |
| HOPICALA | 141 | B |
| ACALA SJ-1 | 137 | C |
| ACALA 4-42 | 134 | C |
| DELTAPINE 5540 | 116 | D |
| COKER 201 | 106 | E |
| AUBURN 56 | 104 | E |
| STONEVILLE 7A | 103 | E |

MICRONAIRE

| | | |
|----------------|------|----|
| ACALA SJ-1 | 4.55 | A |
| COKER 201 | 4.43 | B |
| STONEVILLE 7A | 4.30 | C |
| ACALA 4-42 | 4.25 | C |
| HOPICALA | 4.24 | C |
| ACALA 1517D | 4.21 | C |
| AUBURN 56 | 4.07 | D |
| ACALA 1517V | 4.01 | DE |
| DELTAPINE 5540 | 3.93 | E |

DRAWING SLIVER, UHM

| | | |
|----------------|------|---|
| ACALA 1517D | 1.19 | A |
| ACALA 1517V | 1.19 | A |
| ACALA SJ-1 | 1.13 | B |
| ACALA 4-42 | 1.11 | C |
| HOPICALA | 1.11 | C |
| STONEVILLE 7A | 1.05 | D |
| COKER 201 | 1.05 | D |
| DELTAPINE 5540 | 1.03 | E |
| AUBURN 56 | 1.01 | F |

DRAWING SLIVER, MEAN

| | | |
|----------------|-----|---|
| ACALA 1517D | .97 | A |
| ACALA 1517V | .96 | A |
| ACALA SJ-1 | .92 | B |
| HOPICALA | .91 | B |
| ACALA 4-42 | .90 | B |
| COKER 201 | .82 | C |
| DELTAPINE 5540 | .81 | C |
| AUBURN 56 | .80 | C |
| STONEVILLE 7A | .80 | C |

STELOMETER - T0

| | | |
|----------------|------|---|
| HOPICALA | 45.0 | A |
| ACALA 1517V | 44.7 | A |
| ACALA SJ-1 | 44.5 | A |
| ACALA 1517D | 44.0 | A |
| ACALA 4-42 | 40.8 | B |
| DELTAPINE 5540 | 38.7 | C |
| STONEVILLE 7A | 38.6 | C |
| COKER 201 | 38.5 | C |
| AUBURN 56 | 36.7 | D |

STELOMETER - T1

| | | |
|----------------|------|----|
| ACALA 1517D | 22.5 | A |
| ACALA 1517V | 22.5 | A |
| ACALA SJ-1 | 21.8 | AB |
| HOPICALA | 21.7 | B |
| ACALA 4-42 | 20.9 | C |
| DELTAPINE 5540 | 18.7 | D |
| AUBURN 56 | 17.6 | E |
| COKER 201 | 17.4 | EF |
| STONEVILLE 7A | 16.7 | F |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

| | | |
|----------------|-----|----|
| AUBURN 56 | 7.8 | A |
| ACALA 4-42 | 7.5 | B |
| DELTAPINE 5540 | 7.0 | C |
| ACALA 1517D | 6.9 | C |
| COKER 201 | 6.8 | CD |
| HOPICALA | 6.6 | DE |
| ACALA 1517V | 6.5 | EF |
| ACALA SJ-1 | 6.5 | EF |
| STONEVILLE 7A | 6.3 | F |

AREALOMETER - A

| | | |
|----------------|-----|----|
| DELTAPINE 5540 | 470 | A |
| ACALA 1517V | 464 | AB |
| AUBURN 56 | 454 | BC |
| ACALA 1517D | 451 | C |
| ACALA 4-42 | 450 | C |
| HOPICALA | 443 | CD |
| STONEVILLE 7A | 436 | DE |
| ACALA SJ-1 | 431 | E |
| COKER 201 | 429 | E |

AREALOMETER - D

| | | |
|----------------|----|----|
| ACALA 4-42 | 45 | A |
| AUBURN 56 | 45 | A |
| DELTAPINE 5540 | 45 | A |
| STONEVILLE 7A | 39 | AB |
| HOPICALA | 39 | AB |
| ACALA SJ-1 | 37 | B |
| ACALA 1517D | 36 | B |
| COKER 201 | 36 | B |
| ACALA 1517V | 34 | B |

COLORIMETER - RD

| | | |
|----------------|----|---|
| ACALA 4-42 | 76 | A |
| AUBURN 56 | 76 | A |
| COKER 201 | 76 | A |
| HOPICALA | 76 | A |
| ACALA 1517D | 75 | A |
| STONEVILLE 7A | 75 | A |
| ACALA 1517V | 75 | A |
| ACALA SJ-1 | 75 | A |
| DELTAPINE 5540 | 75 | A |

COLORIMETER - B

| | | |
|----------------|-----|-----|
| ACALA 4-42 | 8.5 | A |
| ACALA SJ-1 | 8.5 | A |
| DELTAPINE 5540 | 8.4 | AB |
| HOPICALA | 8.3 | ABC |
| ACALA 1517D | 8.2 | ABC |
| STONEVILLE 7A | 8.1 | ABC |
| COKER 201 | 8.0 | BC |
| AUBURN 56 | 7.9 | C |
| ACALA 1517V | 7.9 | C |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

| VARIETY | • BOLL SIZE • | | | | | | | | |
|---------|---------------|----------|---------|----------|-----------|----------|------------|----------|---|
| | • YIELD • | • GRAM • | • NO. • | • LINT • | • SEED • | • SPAN • | • LENGTH • | • | • |
| | • LB. LINT • | • PER • | • PER • | • PCT. • | • INDEX • | • 50 • | • 2.5 • | • 22'S • | • |
| | • PER ACRE • | • BOLL • | • LB. • | • | • | • PCT. • | • PCT. • | • | • |

DOS PALOS (SAN JUAN FARM), CAL.

| | | | | | | | | |
|----------------|--------|------|----|------|------|-----|------|-----|
| AUBURN 56 | 758 A | 6.59 | 69 | 37.9 | 12.2 | .44 | 1.03 | 109 |
| STONEVILLE 7A | 732 A | 6.52 | 70 | 36.1 | 12.5 | .44 | 1.08 | 107 |
| COKER 201 | 730 A | 6.78 | 67 | 40.3 | 12.7 | .44 | 1.07 | 110 |
| ACALA SJ-1 | 705 AB | 7.50 | 61 | 37.8 | 14.6 | .53 | 1.15 | 143 |
| ACALA 4-42 | 642 BC | 9.09 | 50 | 39.8 | 14.3 | .50 | 1.12 | 141 |
| HOPICALA | 598 CD | 7.82 | 59 | 37.9 | 14.3 | .49 | 1.12 | 147 |
| ACALA 1517V | 551 D | 7.41 | 61 | 36.2 | 14.8 | .52 | 1.22 | 154 |
| DELTAPINE 5540 | 546 D | 6.49 | 70 | 38.8 | 12.4 | .45 | 1.08 | 120 |
| ACALA 1517D | 544 D | 7.88 | 58 | 34.5 | 14.9 | .52 | 1.21 | 155 |

KEARNEY PARK (JESSEN FARM), CAL.

| | | | | | | | | |
|----------------|---------|------|----|------|------|-----|------|-----|
| COKER 201 | 997 A | 6.33 | 72 | 39.1 | 12.4 | .48 | 1.09 | 105 |
| AUBURN 56 | 967 A | 6.86 | 66 | 37.0 | 13.1 | .45 | 1.06 | 103 |
| HOPICALA | 891 AB | 7.91 | 58 | 37.7 | 14.7 | .53 | 1.14 | 138 |
| DELTAPINE 5540 | 886 AB | 6.34 | 72 | 40.5 | 12.2 | .48 | 1.11 | 116 |
| ACALA 1517D | 882 ABC | 7.08 | 65 | 34.7 | 15.0 | .55 | 1.18 | 139 |
| ACALA SJ-1 | 860 ABC | 7.69 | 59 | 37.5 | 14.6 | .52 | 1.16 | 130 |
| ACALA 1517V | 816 BC | 7.21 | 63 | 36.0 | 14.8 | .53 | 1.20 | 141 |
| STONEVILLE 7A | 739 C | 5.94 | 77 | 37.3 | 11.8 | .49 | 1.14 | 104 |
| ACALA 4-42 | 602 D | 8.06 | 56 | 39.0 | 14.9 | .50 | 1.12 | 128 |

RIVERDALE (ROSS FARM), CAL.

| | | | | | | | | |
|----------------|---------|------|----|------|------|-----|------|-----|
| DELTAPINE 5540 | 902 A | 6.00 | 76 | 41.0 | 10.9 | .44 | 1.02 | 118 |
| HOPICALA | 843 AB | 7.14 | 64 | 38.5 | 13.0 | .49 | 1.08 | 143 |
| ACALA SJ-1 | 805 ABC | 6.44 | 71 | 37.7 | 12.9 | .49 | 1.07 | 143 |
| ACALA 4-42 | 787 ABC | 7.31 | 62 | 41.7 | 12.9 | .48 | 1.06 | 138 |
| AUBURN 56 | 761 BC | 5.84 | 78 | 38.6 | 10.5 | .43 | .99 | 109 |
| ACALA 1517V | 729 BC | 6.50 | 70 | 37.0 | 13.2 | .52 | 1.16 | 156 |
| COKER 201 | 718 C | 5.27 | 87 | 40.9 | 9.6 | .45 | 1.03 | 111 |
| ACALA 1517D | 714 C | 6.73 | 68 | 36.6 | 13.0 | .49 | 1.13 | 158 |

LEMOORE (INCO FARM), CAL.

| | | | | | | | | |
|----------------|--------|------|----|------|------|-----|------|-----|
| ACALA 4-42 | 929 A | 7.83 | 58 | 39.9 | 12.9 | .49 | 1.07 | 140 |
| DELTAPINE 5540 | 921 AB | 6.66 | 68 | 39.3 | 11.9 | .42 | 1.03 | 122 |
| HOPICALA | 907 AB | 7.23 | 63 | 39.3 | 12.8 | .47 | 1.07 | 145 |
| COKER 201 | 863 BC | 6.48 | 71 | 39.0 | 11.2 | .45 | 1.05 | 108 |
| ACALA SJ-1 | 839 CD | 7.42 | 61 | 37.2 | 14.4 | .50 | 1.10 | 146 |
| ACALA 1517V | 782 DE | 7.23 | 63 | 37.7 | 13.2 | .49 | 1.16 | 151 |
| AUBURN 56 | 782 DE | 6.31 | 72 | 38.3 | 11.3 | .44 | 1.03 | 108 |
| ACALA 1517D | 750 E | 6.92 | 66 | 35.4 | 13.4 | .49 | 1.15 | 155 |
| STONEVILLE 7A | 664 F | 6.37 | 72 | 39.0 | 11.2 | .44 | 1.05 | 103 |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • • | STELOMETER | | | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • |
|---------|-------------------------------|---|-------------|------------|----|----|---|--|
| | | | | • | • | • | | |
| | | | | TO | T1 | E1 | | |

DOS PALOS (SAN JUAN FARM), CAL.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|-----|-----|----|----|-----|
| AUBURN 56 | 3.93 | 1.10 | .92 | 39.3 | 19.3 | 7.0 | 459 | 52 | 76 | 7.5 |
| STONEVILLE 7A | 3.82 | 1.09 | .86 | 37.6 | 16.2 | 6.1 | 466 | 60 | 75 | 7.5 |
| COKER 201 | 4.14 | 1.10 | .90 | 37.9 | 16.9 | 6.3 | 449 | 54 | 76 | 7.5 |
| ACALA SJ-1 | 4.44 | 1.17 | .97 | 43.7 | 21.2 | 5.8 | 427 | 50 | 77 | 8.3 |
| ACALA 4-42 | 3.98 | 1.10 | .91 | 38.7 | 19.3 | 7.1 | 469 | 46 | 78 | 8.5 |
| HOPICALA | 4.08 | 1.15 | .97 | 46.2 | 21.4 | 6.0 | 448 | 44 | 78 | 8.0 |
| ACALA 1517V | 3.79 | 1.24 | 1.03 | 44.6 | 21.9 | 6.1 | 475 | 50 | 78 | 7.3 |
| DELTAPINE 5540 | 3.63 | 1.05 | .85 | 37.8 | 18.8 | 6.3 | 482 | 61 | 76 | 8.3 |
| ACALA 1517D | 4.02 | 1.24 | 1.04 | 44.5 | 22.8 | 6.2 | 463 | 44 | 75 | 7.3 |

KEARNEY PARK (JESSEN FARM), CAL.

| | | | | | | | | | | |
|----------------|------|------|------|------|------|-----|-----|----|----|-----|
| COKER 201 | 4.62 | 1.10 | .89 | 35.9 | 17.4 | 7.4 | 409 | 35 | 76 | 8.3 |
| AUBURN 56 | 4.36 | 1.07 | .86 | 33.1 | 16.8 | 8.6 | 433 | 45 | 76 | 8.0 |
| HOPICALA | 4.44 | 1.15 | .97 | 41.8 | 21.2 | 7.2 | 424 | 27 | 70 | 9.5 |
| DELTAPINE 5540 | 4.16 | 1.09 | .88 | 35.8 | 18.9 | 7.5 | 445 | 39 | 74 | 8.5 |
| ACALA 1517D | 4.38 | 1.22 | 1.03 | 39.4 | 21.4 | 7.5 | 423 | 35 | 73 | 8.5 |
| ACALA SJ-1 | 4.69 | 1.18 | .99 | 40.4 | 20.8 | 7.5 | 411 | 43 | 71 | 9.3 |
| ACALA 1517V | 4.11 | 1.24 | 1.04 | 41.8 | 22.0 | 7.2 | 451 | 31 | 71 | 8.5 |
| STONEVILLE 7A | 4.50 | 1.11 | .88 | 36.1 | 16.9 | 7.1 | 422 | 34 | 73 | 8.0 |
| ACALA 4-42 | 4.24 | 1.16 | .98 | 37.9 | 20.9 | 8.4 | 442 | 42 | 74 | 9.0 |

RIVERDALE (ROSS FARM), CAL.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| DELTAPINE 5540 | 4.16 | 1.01 | .78 | 41.6 | 19.1 | 6.7 | 440 | 43 | 76 | 8.8 |
| HOPICALA | 4.32 | 1.09 | .89 | 47.3 | 22.9 | 6.5 | 436 | 48 | 75 | 8.5 |
| ACALA SJ-1 | 4.78 | 1.09 | .87 | 48.4 | 23.0 | 6.4 | 435 | 51 | 74 | 9.0 |
| ACALA 4-42 | 4.52 | 1.10 | .90 | 44.0 | 22.6 | 7.0 | 430 | 57 | 75 | 8.8 |
| AUBURN 56 | 4.17 | 1.01 | .80 | 37.3 | 17.7 | 7.6 | 445 | 49 | 75 | 8.3 |
| ACALA 1517V | 4.15 | 1.19 | .96 | 47.4 | 23.8 | 6.3 | 453 | 38 | 75 | 8.0 |
| COKER 201 | 4.53 | 1.03 | .79 | 41.6 | 18.3 | 6.5 | 424 | 44 | 75 | 8.3 |
| ACALA 1517D | 4.30 | 1.17 | .95 | 47.9 | 24.0 | 7.0 | 445 | 47 | 74 | 8.8 |

LEMOORE (INCO FARM), CAL.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| ACALA 4-42 | 4.38 | 1.06 | .82 | 44.5 | 21.8 | 6.6 | 435 | 44 | 77 | 8.5 |
| DELTAPINE 5540 | 4.00 | .98 | .76 | 40.9 | 18.6 | 6.3 | 477 | 39 | 78 | 7.8 |
| HOPICALA | 4.34 | 1.05 | .85 | 48.0 | 22.5 | 5.9 | 429 | 39 | 77 | 8.3 |
| COKER 201 | 4.60 | 1.01 | .78 | 41.1 | 17.8 | 6.2 | 419 | 38 | 78 | 8.8 |
| ACALA SJ-1 | 4.52 | 1.08 | .87 | 48.5 | 22.6 | 5.8 | 426 | 35 | 76 | 8.8 |
| ACALA 1517V | 4.04 | 1.14 | .89 | 46.5 | 22.4 | 6.2 | 478 | 32 | 76 | 7.8 |
| AUBURN 56 | 4.17 | .96 | .74 | 39.1 | 17.3 | 7.2 | 449 | 49 | 76 | 8.0 |
| ACALA 1517D | 4.30 | 1.14 | .92 | 46.6 | 23.8 | 6.0 | 444 | 36 | 76 | 8.3 |
| STONEVILLE 7A | 4.63 | .99 | .75 | 40.0 | 16.9 | 5.6 | 410 | 40 | 78 | 8.3 |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

| VARIETY | | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|---------------|--------|--------|---|
| | • | • | • | • | • | • | • | • | • |
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 | • 2.5 | • 22'S | |
| | | • BOLL | • LB. | • | | • PCT. | • PCT. | • | |

TULARE (CARDOZA FARM), CAL.

| | | | | | | | | |
|----------------|--------|------|----|------|------|-----|------|-----|
| DELTAPINE 5540 | 735 A | 6.23 | 73 | 40.9 | 11.6 | .43 | 1.03 | 110 |
| ACALA 4-42 | 702 AB | 7.92 | 57 | 39.7 | 14.1 | .50 | 1.12 | 134 |
| ACALA SJ-1 | 676 AB | 7.28 | 62 | 38.3 | 13.6 | .50 | 1.11 | 137 |
| COKER 201 | 670 AB | 6.55 | 70 | 42.5 | 11.8 | .44 | 1.04 | 104 |
| ACALA 1517V | 658 AB | 7.29 | 63 | 37.5 | 13.7 | .53 | 1.19 | 147 |
| AUBURN 56 | 647 AB | 6.00 | 76 | 39.5 | 11.4 | .42 | .99 | 100 |
| HOPICALA | 636 AB | 7.81 | 58 | 37.7 | 13.4 | .49 | 1.08 | 139 |
| STONEVILLE 7A | 629 AB | 5.79 | 79 | 38.9 | 10.8 | .45 | 1.06 | 99 |
| ACALA 1517D | 594 B | 6.86 | 67 | 37.4 | 14.1 | .52 | 1.17 | 143 |

WOODVILLE (FISHER FARM), CAL.

| | | | | | | | | |
|----------------|--------|------|----|------|------|-----|------|-----|
| DELTAPINE 5540 | 878 A | 5.99 | 77 | 40.4 | 11.8 | .42 | 1.06 | 114 |
| ACALA 1517V | 814 B | 6.70 | 69 | 38.6 | 13.0 | .51 | 1.17 | 145 |
| COKER 201 | 805 BC | 6.67 | 69 | 38.6 | 12.2 | .45 | 1.05 | 100 |
| STONEVILLE 7A | 777 C | 5.58 | 82 | 40.3 | 11.0 | .43 | 1.04 | 95 |
| ACALA SJ-1 | 773 C | 7.06 | 64 | 36.9 | 14.6 | .49 | 1.13 | 134 |
| AUBURN 56 | 773 C | 5.95 | 77 | 39.2 | 11.5 | .41 | 1.01 | 100 |
| HOPICALA | 769 C | 7.88 | 59 | 39.8 | 14.0 | .49 | 1.09 | 139 |
| ACALA 4-42 | 727 D | 7.33 | 62 | 39.2 | 14.3 | .48 | 1.10 | 132 |
| ACALA 1517D | 717 D | 6.84 | 67 | 37.5 | 13.8 | .53 | 1.18 | 149 |

KERN LAKE (FRICK FARM), CAL.

| | | | | | | | | |
|----------------|---------|------|----|------|------|-----|------|-----|
| ACALA SJ-1 | 1445 A | 8.67 | 53 | 37.6 | 14.2 | .52 | 1.14 | 126 |
| ACALA 4-42 | 1386 AB | 9.35 | 49 | 39.4 | 14.6 | .53 | 1.13 | 126 |
| AUBURN 56 | 1380 AB | 7.62 | 61 | 36.4 | 12.9 | .46 | 1.07 | 102 |
| COKER 201 | 1379 AB | 7.45 | 61 | 38.8 | 11.6 | .46 | 1.07 | 103 |
| HOPICALA | 1326 BC | 8.48 | 54 | 31.1 | 13.9 | .51 | 1.14 | 137 |
| STONEVILLE 7A | 1303 C | 6.72 | 69 | 36.4 | 11.5 | .46 | 1.09 | 104 |
| ACALA 1517V | 1270 CD | 7.77 | 59 | 35.2 | 14.0 | .53 | 1.19 | 143 |
| DELTAPINE 5540 | 1267 CD | 6.64 | 68 | 38.5 | 12.3 | .46 | 1.07 | 113 |
| ACALA 1517D | 1223 D | 8.12 | 56 | 34.7 | 14.5 | .53 | 1.20 | 148 |

1966 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

| VARIETY | • DRAWING | | • STELOMETER | | | • AREALO- | | • COLORI- | |
|---------|-----------|----------|--------------|------|------|-----------|-----|-----------|------|
| | • MICRO- | • SLIVER | • | • | • | • METER | • | • METER | • |
| | • NAIRE | • UHM | • MEAN | • TO | • T1 | • E1 | • A | • D | • RD |
| | • | • | • | • | • | • | • | • | • B |

TULARE (CARDOZA FARM), CAL.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| DELTAPINE 5540 | 3.94 | .98 | .77 | 39.2 | 18.3 | 7.0 | 458 | 45 | 76 | 8.5 |
| ACALA 4-42 | 4.04 | 1.10 | .89 | 42.8 | 21.2 | 7.0 | 451 | 52 | 76 | 8.3 |
| ACALA SJ-1 | 4.33 | 1.11 | .89 | 46.4 | 21.9 | 6.5 | 430 | 37 | 75 | 7.8 |
| COKER 201 | 4.30 | 1.02 | .80 | 39.5 | 17.6 | 6.4 | 424 | 38 | 74 | 7.8 |
| ACALA 1517V | 4.04 | 1.16 | .94 | 47.1 | 23.2 | 6.4 | 442 | 33 | 75 | 7.3 |
| AUBURN 56 | 3.85 | .95 | .73 | 37.9 | 18.3 | 7.5 | 456 | 45 | 75 | 7.5 |
| HOPICALA | 4.08 | 1.05 | .84 | 46.0 | 22.0 | 6.2 | 446 | 47 | 76 | 8.0 |
| STONEVILLE 7A | 4.04 | 1.03 | .78 | 39.2 | 15.5 | 6.1 | 436 | 36 | 75 | 8.0 |
| ACALA 1517D | 3.98 | 1.15 | .92 | 44.9 | 21.7 | 6.8 | 451 | 32 | 76 | 7.8 |

WOODVILLE (FISHER FARM), CAL.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| DELTAPINE 5540 | 4.18 | 1.07 | .83 | 37.9 | 18.7 | 7.2 | 453 | 51 | 74 | 8.0 |
| ACALA 1517V | 4.12 | 1.21 | .94 | 42.9 | 22.2 | 6.3 | 448 | 29 | 77 | 8.0 |
| COKER 201 | 4.54 | 1.10 | .84 | 36.5 | 16.7 | 6.9 | 418 | 25 | 75 | 7.5 |
| STONEVILLE 7A | 4.48 | 1.04 | .78 | 37.7 | 17.2 | 6.4 | 416 | 36 | 75 | 8.3 |
| ACALA SJ-1 | 4.63 | 1.18 | .94 | 42.6 | 21.6 | 6.2 | 427 | 27 | 76 | 7.8 |
| AUBURN 56 | 4.17 | 1.01 | .79 | 36.1 | 16.7 | 7.9 | 444 | 41 | 75 | 7.5 |
| HOPICALA | 4.30 | 1.14 | .94 | 44.0 | 20.7 | 6.7 | 437 | 39 | 77 | 7.5 |
| ACALA 4-42 | 4.42 | 1.14 | .93 | 40.3 | 21.7 | 7.8 | 438 | 39 | 77 | 8.0 |
| ACALA 1517D | 4.32 | 1.23 | .98 | 42.7 | 21.8 | 7.1 | 450 | 35 | 77 | 8.3 |

KERN LAKE (FRICK FARM), CAL.

| | | | | | | | | | | |
|----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| ACALA SJ-1 | 4.46 | 1.14 | .90 | 41.3 | 21.4 | 7.6 | 460 | 20 | 75 | 9.0 |
| ACALA 4-42 | 4.22 | 1.11 | .90 | 37.8 | 19.3 | 8.5 | 486 | 37 | 78 | 8.3 |
| AUBURN 56 | 3.87 | 1.01 | .76 | 33.9 | 17.0 | 9.3 | 496 | 34 | 77 | 8.3 |
| COKER 201 | 4.28 | 1.03 | .77 | 36.9 | 17.3 | 7.9 | 461 | 22 | 77 | 8.3 |
| HOPICALA | 4.12 | 1.13 | .91 | 41.9 | 21.3 | 7.9 | 480 | 30 | 77 | 8.0 |
| STONEVILLE 7A | 4.17 | 1.06 | .80 | 38.0 | 16.8 | 7.0 | 476 | 20 | 77 | 8.5 |
| ACALA 1517V | 3.84 | 1.19 | .93 | 43.1 | 22.2 | 7.1 | 501 | 25 | 77 | 8.5 |
| DELTAPINE 5540 | 3.44 | 1.02 | .77 | 37.6 | 18.4 | 7.9 | 535 | 42 | 76 | 8.8 |
| ACALA 1517D | 4.21 | 1.21 | .97 | 42.1 | 22.4 | 7.8 | 480 | 26 | 77 | 8.8 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • | • | • | • | • | • | • | • |
|-----------------|-----------|-----------|------|------|------|-------|-------------|------|
| | YIELD | BOLL SIZE | GRAM | NO. | LINT | SEED | SPAN LENGTH | |
| | LB. LINT | PER | PER | PER | PCT. | INDEX | 50 2.5 | 22'S |
| | PER ACRE | BOLL | LB. | | | | PCT. PCT. | |
| COKER 201 | 979 A | 6.70 | 68 | 37.5 | 12.3 | .54 | 1.15 | 120 |
| STONEVILLE 213 | 939 AB | 6.19 | 74 | 36.4 | 11.9 | .53 | 1.13 | 116 |
| MO 61-470F | 922 ABC | 7.03 | 65 | 35.3 | 14.2 | .55 | 1.15 | 119 |
| TH 149-20 | 919 ABC | 7.66 | 60 | 35.0 | 14.5 | .55 | 1.16 | 132 |
| DELTAPINE S.L. | 896 BCD | 6.02 | 76 | 36.6 | 11.2 | .54 | 1.16 | 121 |
| COKER 4104 | 895 BCD | 6.86 | 67 | 35.5 | 12.8 | .54 | 1.20 | 130 |
| PD 3-3967 | 877 BCDE | 6.47 | 71 | 38.2 | 12.8 | .55 | 1.13 | 134 |
| MO 61-470H | 877 BCDE | 6.92 | 66 | 34.9 | 14.6 | .55 | 1.15 | 122 |
| PD 4-3868 | 864 BCDEF | 6.27 | 73 | 36.1 | 12.3 | .53 | 1.09 | 129 |
| COKER 413 | 848 CDEF | 5.90 | 78 | 35.7 | 12.0 | .55 | 1.19 | 134 |
| 62-0-10 | 823 DEF | 7.26 | 63 | 36.5 | 13.8 | .53 | 1.16 | 123 |
| ATLAS (AXC)-261 | 816 DEF | 6.46 | 71 | 36.3 | 13.7 | .54 | 1.12 | 134 |
| GA HT | 805 EFG | 6.69 | 68 | 34.7 | 13.1 | .55 | 1.12 | 141 |
| ATLAS (CXE)-352 | 801 EFG | 6.42 | 71 | 36.5 | 13.8 | .55 | 1.12 | 131 |
| ST. 508-9117 | 781 FG | 6.59 | 69 | 34.9 | 12.6 | .54 | 1.20 | 131 |
| DPL 5822---26 | 729 G | 6.13 | 75 | 35.9 | 11.9 | .55 | 1.17 | 127 |

SUBREGIONAL SUMMARY COMBINING ST. JOSEPH, STONEVILLE, ROHWER,
PORTAGEVILLE, FT. PILLOW, AND COLLEGE STATION

| | | | | | | | | | |
|-----------------|------|-------|------|----|------|------|-----|------|-----|
| STONEVILLE 213 | 1052 | A | 5.90 | 77 | 36.4 | 11.8 | .52 | 1.13 | 115 |
| COKER 201 | 1035 | AB | 6.46 | 71 | 36.9 | 12.5 | .54 | 1.16 | 121 |
| DELTAPINE S.L. | 995 | ABC | 5.75 | 79 | 36.4 | 10.9 | .53 | 1.16 | 121 |
| MO 61-470F | 971 | ABCD | 6.78 | 67 | 35.0 | 14.2 | .55 | 1.15 | 122 |
| COKER 4104 | 962 | ABCDE | 6.49 | 70 | 35.0 | 12.9 | .54 | 1.21 | 123 |
| TH 149-20 | 962 | ABCDE | 7.43 | 61 | 34.4 | 14.6 | .55 | 1.16 | 133 |
| PD 3-3967 | 928 | BCDEF | 6.21 | 74 | 37.8 | 12.9 | .54 | 1.12 | 134 |
| MO 61-470H | 920 | BCDEF | 6.62 | 69 | 34.5 | 14.6 | .54 | 1.15 | 126 |
| COKER 413 | 908 | CDEF | 5.58 | 82 | 34.8 | 12.1 | .55 | 1.20 | 137 |
| ATLAS (AXC)-261 | 876 | DEF | 6.34 | 72 | 36.1 | 13.8 | .54 | 1.12 | 137 |
| 62-0-10 | 872 | DEF | 7.13 | 64 | 36.2 | 14.0 | .52 | 1.16 | 123 |
| DPL 5822---26 | 871 | DEF | 5.97 | 77 | 36.1 | 11.9 | .55 | 1.17 | 129 |
| PD 4-3868 | 870 | DEF | 6.07 | 75 | 35.6 | 12.2 | .52 | 1.09 | 133 |
| ST. 508-9117 | 863 | DEF | 6.39 | 71 | 34.5 | 12.4 | .53 | 1.20 | 131 |
| ATLAS (CXE)-352 | 847 | EF | 6.22 | 73 | 36.4 | 14.0 | .54 | 1.12 | 134 |
| GA HT | 840 | F | 6.46 | 70 | 34.4 | 13.2 | .54 | 1.13 | 143 |

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE,
ROCKY MOUNT, AND BELLA MINA.

| | | | | | | | | | |
|-----------------|-----|-----|------|----|------|------|-----|------|-----|
| COKER 201 | 912 | A | 6.98 | 66 | 38.3 | 12.1 | .55 | 1.14 | 120 |
| TH 149-20 | 867 | AB | 7.94 | 58 | 35.8 | 14.4 | .56 | 1.16 | 130 |
| MO 61-470F | 863 | AB | 7.33 | 62 | 35.7 | 14.3 | .54 | 1.14 | 115 |
| PD 4-3868 | 858 | AB | 6.52 | 70 | 36.8 | 12.5 | .53 | 1.10 | 124 |
| MO 61-470H | 826 | ABC | 7.28 | 63 | 35.4 | 14.6 | .55 | 1.15 | 117 |
| PD 3-3967 | 815 | ABC | 6.78 | 67 | 38.6 | 12.8 | .56 | 1.14 | 133 |
| COKER 4104 | 814 | ABC | 7.30 | 63 | 36.0 | 12.7 | .55 | 1.19 | 127 |
| STONEVILLE 213 | 804 | BC | 6.53 | 70 | 36.5 | 12.1 | .54 | 1.13 | 117 |
| DELTAPINE S.L. | 778 | BCD | 6.35 | 72 | 36.7 | 11.5 | .55 | 1.16 | 120 |
| COKER 413 | 776 | BCD | 6.29 | 73 | 36.9 | 12.0 | .55 | 1.17 | 132 |
| 62-0-10 | 765 | BCD | 7.41 | 62 | 36.7 | 13.7 | .55 | 1.16 | 122 |
| GA HT | 762 | BCD | 6.96 | 66 | 35.0 | 13.1 | .55 | 1.12 | 138 |
| ATLAS (CXE)-352 | 745 | CD | 6.66 | 68 | 36.5 | 13.6 | .56 | 1.13 | 128 |
| ATLAS (AXC)-261 | 744 | CD | 6.61 | 69 | 36.6 | 13.6 | .54 | 1.12 | 129 |
| ST. 508-9117 | 683 | D | 6.84 | 67 | 35.3 | 12.8 | .56 | 1.20 | 130 |
| DPL 5822---26 | 560 | E | 6.31 | 72 | 35.6 | 12.0 | .56 | 1.17 | 126 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • • • | • • • • | DRAWING SLIVER UHM • MEAN | • • • • | STELOMETER • • • • | • • • • | • • • • | • • • • | • • • • | • • • • | • • • • |
|-----------------|------------------|------------------|---------------------------------|------------------|--------------------------------|------------------|------------------|---------------------------|----------------------------|------------------|------------------|
| | | | | | | | | | | | |
| | | | | | TO | T1 | E1 | AREALO- METER A • D | COLORI- METER RD • B | | |
| COKER 201 | 4.54 | 1.18 | .98 | 35.0 | 18.4 | 8.2 | 444 | 38 | 76 | 8.5 | |
| STONEVILLE 213 | 4.59 | 1.16 | .97 | 34.4 | 18.2 | 8.6 | 438 | 34 | 77 | 8.5 | |
| MO 61-470F | 4.52 | 1.18 | .98 | 34.3 | 19.3 | 10.2 | 440 | 36 | 74 | 9.0 | |
| TH 149-20 | 4.41 | 1.20 | 1.01 | 37.7 | 20.2 | 7.4 | 446 | 34 | 77 | 7.9 | |
| DELTAPINE S.L. | 4.45 | 1.19 | .98 | 34.0 | 19.0 | 10.2 | 452 | 36 | 77 | 8.0 | |
| COKER 4104 | 4.07 | 1.23 | 1.02 | 34.8 | 19.2 | 8.3 | 477 | 42 | 76 | 8.5 | |
| PD 3-3967 | 4.42 | 1.14 | .95 | 41.5 | 21.2 | 6.8 | 445 | 35 | 76 | 8.2 | |
| MO 61-470H | 4.46 | 1.18 | .99 | 34.2 | 19.6 | 10.2 | 450 | 39 | 75 | 8.6 | |
| PD 4-3868 | 4.70 | 1.12 | .94 | 38.5 | 20.9 | 8.2 | 434 | 34 | 76 | 8.4 | |
| COKER 413 | 4.20 | 1.22 | 1.02 | 38.0 | 19.9 | 7.2 | 466 | 41 | 76 | 8.3 | |
| 62-0-10 | 4.59 | 1.18 | .94 | 38.4 | 18.6 | 6.6 | 434 | 36 | 76 | 8.8 | |
| ATLAS (AXC)-261 | 4.70 | 1.15 | .96 | 41.2 | 21.5 | 6.9 | 428 | 30 | 76 | 8.3 | |
| GA HT | 4.63 | 1.16 | .98 | 42.1 | 22.2 | 7.4 | 432 | 29 | 76 | 8.2 | |
| ATLAS (CXE)-352 | 4.75 | 1.15 | .97 | 40.2 | 20.8 | 7.2 | 428 | 33 | 75 | 8.6 | |
| ST. 508-9117 | 3.81 | 1.21 | .98 | 34.1 | 19.2 | 9.1 | 499 | 48 | 77 | 8.5 | |
| DPL 5822---26 | 4.47 | 1.21 | 1.01 | 36.0 | 19.6 | 8.3 | 445 | 37 | 76 | 8.7 | |

SUBREGIONAL SUMMARY COMBINING ST. JOSEPH, STONEVILLE, ROHWER,
PORTAGEVILLE, FT. PILLOW, AND COLLEGE STATION

| | | | | | | | | | | | |
|-----------------|------|------|------|------|------|-----|-----|----|----|-----|--|
| STONEVILLE 213 | 4.58 | 1.16 | .97 | 35.1 | 18.4 | 8.3 | 441 | 32 | 76 | 8.5 | |
| COKER 201 | 4.53 | 1.19 | .98 | 35.8 | 18.8 | 7.4 | 446 | 34 | 75 | 8.3 | |
| DELTAPINE S.L. | 4.44 | 1.19 | .98 | 34.7 | 19.1 | 9.9 | 454 | 34 | 76 | 7.8 | |
| MO 61-470F | 4.45 | 1.19 | .99 | 35.7 | 20.1 | 9.8 | 443 | 32 | 74 | 8.9 | |
| COKER 4104 | 3.97 | 1.24 | 1.03 | 35.7 | 19.7 | 8.1 | 487 | 42 | 75 | 8.2 | |
| TH 149-20 | 4.33 | 1.21 | 1.01 | 39.3 | 20.9 | 7.1 | 447 | 32 | 76 | 7.7 | |
| PD 3-3967 | 4.39 | 1.14 | .95 | 43.3 | 21.8 | 6.5 | 447 | 30 | 75 | 8.0 | |
| MO 61-470H | 4.42 | 1.20 | 1.00 | 35.7 | 20.5 | 9.7 | 451 | 35 | 74 | 8.3 | |
| COKER 413 | 4.11 | 1.24 | 1.04 | 39.4 | 20.5 | 6.8 | 469 | 40 | 75 | 7.9 | |
| ATLAS (AXC)-261 | 4.67 | 1.15 | .96 | 43.3 | 22.5 | 6.5 | 428 | 28 | 74 | 8.0 | |
| 62-0-10 | 4.51 | 1.18 | .94 | 39.3 | 19.1 | 6.3 | 436 | 34 | 76 | 8.4 | |
| DPL 5822---26 | 4.49 | 1.21 | 1.02 | 37.7 | 20.2 | 8.0 | 444 | 33 | 75 | 8.5 | |
| PD 4-3868 | 4.58 | 1.12 | .94 | 40.1 | 21.7 | 7.9 | 433 | 31 | 75 | 8.1 | |
| ST. 508-9117 | 3.74 | 1.21 | .97 | 34.9 | 19.6 | 8.6 | 506 | 48 | 77 | 8.2 | |
| ATLAS (CXE)-352 | 4.78 | 1.15 | .98 | 42.2 | 21.5 | 6.7 | 428 | 32 | 74 | 8.4 | |
| GA HT | 4.62 | 1.17 | .99 | 43.5 | 22.7 | 7.0 | 432 | 25 | 75 | 8.0 | |

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE,
ROCKY MOUNT, AND BELLA MINA.

| | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|--|
| COKER 201 | 4.55 | 1.18 | .98 | 34.0 | 17.9 | 9.3 | 442 | 42 | 77 | 8.7 | |
| TH 149-20 | 4.51 | 1.20 | 1.00 | 35.9 | 19.5 | 7.9 | 445 | 37 | 78 | 8.3 | |
| MO 61-470F | 4.60 | 1.16 | .97 | 32.6 | 18.2 | 10.6 | 438 | 41 | 75 | 9.2 | |
| PD 4-3868 | 4.84 | 1.12 | .95 | 36.6 | 20.0 | 8.6 | 436 | 38 | 77 | 8.7 | |
| MO 61-470H | 4.51 | 1.17 | .99 | 32.4 | 18.5 | 10.9 | 448 | 44 | 76 | 9.0 | |
| PD 3-3967 | 4.45 | 1.14 | .95 | 39.5 | 20.5 | 7.1 | 442 | 40 | 77 | 8.5 | |
| COKER 4104 | 4.20 | 1.22 | 1.01 | 33.8 | 18.6 | 8.6 | 465 | 42 | 77 | 8.8 | |
| STONEVILLE 213 | 4.59 | 1.16 | .97 | 33.6 | 18.1 | 9.0 | 434 | 37 | 77 | 8.5 | |
| DELTAPINE S.L. | 4.47 | 1.18 | .97 | 33.2 | 18.8 | 10.6 | 450 | 40 | 77 | 8.4 | |
| COKER 413 | 4.31 | 1.18 | 1.00 | 36.4 | 19.2 | 7.6 | 462 | 42 | 77 | 8.9 | |
| 62-0-10 | 4.70 | 1.18 | .95 | 37.3 | 18.1 | 6.9 | 431 | 38 | 76 | 9.3 | |
| GA HT | 4.65 | 1.16 | .98 | 40.4 | 21.7 | 7.8 | 431 | 33 | 77 | 8.5 | |
| ATLAS (CXE)-352 | 4.70 | 1.15 | .97 | 37.9 | 20.0 | 7.8 | 429 | 35 | 77 | 8.9 | |
| ATLAS (AXC)-261 | 4.73 | 1.15 | .96 | 38.7 | 20.4 | 7.4 | 428 | 33 | 78 | 8.8 | |
| ST. 508-9117 | 3.89 | 1.21 | .98 | 33.2 | 18.8 | 9.6 | 491 | 49 | 77 | 8.9 | |
| DPL 5822---26 | 4.44 | 1.20 | 1.00 | 34.0 | 18.8 | 8.7 | 448 | 41 | 76 | 8.9 | |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

| LOCATION | • | • | • | • | • | • | • | • |
|------------------|----------|----------|---------|------|-------|------|--------|------|
| | YIELD | BOLL | SIZE | LINT | SEED | SPAN | LENGTH | |
| | LB. LINT | GRAM | NO. | PCT. | INDEX | 50 | 2.5 | 22'S |
| | PER ACRE | PER BOLL | PER LB. | | | PCT. | PCT. | |
| COL. STA., TEX. | 705 | 5.65 | 81 | 35.7 | 11.3 | .50 | 1.09 | 129 |
| ST. JOSEPH, LA. | 1389 | 6.74 | 68 | 36.6 | 13.7 | .55 | 1.18 | 131 |
| ST. VILLE, MISS. | 946 | 6.43 | 71 | 35.1 | 12.7 | .53 | 1.15 | 132 |
| FT. PILL., TENN. | 422 | 6.57 | 70 | 35.6 | 13.6 | .55 | 1.17 | 132 |
| EXPERIMENT, GA. | 992 | 6.91 | 66 | 35.1 | 12.4 | .56 | 1.17 | 129 |
| TIFTON, GA. | 784 | 7.53 | 61 | 36.8 | 13.9 | .57 | 1.18 | 126 |
| FLORENCE, S.C. | 729 | 6.44 | 71 | 36.1 | 12.9 | .52 | 1.12 | 121 |
| ROCKY MT., N.C. | 714 | 6.86 | 66 | 36.9 | 12.9 | .55 | 1.15 | 129 |
| PORTVILLE, MO. | 980 | 6.40 | 72 | 34.1 | 13.5 | .55 | 1.18 | 125 |
| B'LA MINA, ALA. | 709 | 6.66 | 68 | 37.1 | 12.9 | .55 | 1.13 | 122 |
| ROHWER, ARK. | 1098 | 6.38 | 72 | 36.8 | 13.2 | .53 | 1.14 | 128 |

BOLL SIZE, GRAM PER BOLL

| | | |
|-----------------|------|-----|
| TH 149-20 | 7.66 | A |
| 62-0-10 | 7.26 | B |
| MO 61-470F | 7.03 | BC |
| MO 61-470H | 6.92 | CD |
| COKER 4104 | 6.86 | CD |
| COKER 201 | 6.70 | DE |
| GA HT | 6.69 | DE |
| ST. 508-9117 | 6.59 | EF |
| PD 3-3967 | 6.47 | EFG |
| ATLAS (AXC)-261 | 6.46 | EFG |
| ATLAS (CXE)-352 | 6.42 | FGH |
| PD 4-3868 | 6.27 | GHI |
| STONEVILLE 213 | 6.19 | HI |
| DPL 5822---26 | 6.13 | IJ |
| DELTAPINE S.L. | 6.02 | IJ |
| COKER 413 | 5.90 | J |

BOLL SIZE, NO. PER LB.

| | | |
|-----------------|----|-----|
| COKER 413 | 78 | A |
| DELTAPINE S.L. | 76 | AB |
| DPL 5822---26 | 75 | BC |
| STONEVILLE 213 | 74 | BC |
| PD 4-3868 | 73 | CD |
| ATLAS (AXC)-261 | 71 | DE |
| ATLAS (CXE)-352 | 71 | DE |
| PD 3-3967 | 71 | DE |
| ST. 508-9117 | 69 | EF |
| COKER 201 | 68 | FG |
| GA HT | 68 | FG |
| COKER 4104 | 67 | FGH |
| MO 61-470H | 66 | GH |
| MO 61-470F | 65 | HI |
| 62-0-10 | 63 | I |
| TH 149-20 | 60 | J |

LINT PCT.

| | | |
|-----------------|------|------|
| PD 3-3967 | 38.2 | A |
| COKER 201 | 37.5 | B |
| DELTAPINE S.L. | 36.6 | C |
| ATLAS (CXE)-352 | 36.5 | C |
| 62-0-10 | 36.5 | C |
| STONEVILLE 213 | 36.4 | CD |
| ATLAS (AXC)-261 | 36.3 | CD |
| PD 4-3868 | 36.1 | CDE |
| DPL 5822---26 | 35.9 | CDEF |
| COKER 413 | 35.7 | DEF |
| COKER 4104 | 35.5 | EFG |
| MO 61-470F | 35.3 | FGH |
| TH 149-20 | 35.0 | GH |
| ST. 508-9117 | 34.9 | GH |
| MO 61-470H | 34.9 | GH |
| GA HT | 34.7 | H |

SEED INDEX

| | | |
|-----------------|------|----|
| MO 61-470H | 14.6 | A |
| TH 149-20 | 14.5 | A |
| MO 61-470F | 14.2 | A |
| ATLAS (CXE)-352 | 13.8 | B |
| 62-0-10 | 13.8 | B |
| ATLAS (AXC)-261 | 13.7 | B |
| GA HT | 13.1 | C |
| COKER 4104 | 12.8 | CD |
| PD 3-3967 | 12.8 | CD |
| ST. 508-9117 | 12.6 | DE |
| COKER 201 | 12.3 | EF |
| PD 4-3868 | 12.3 | EF |
| COKER 413 | 12.0 | F |
| STONEVILLE 213 | 11.9 | F |
| DPL 5822---26 | 11.9 | F |
| DELTAPINE S.L. | 11.2 | G |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

| LOCATION | MICRO-NAIRE | DRAWING SLIVER | | TO | STELOMETER | | | AREALO-METER | | COLORI-METER | |
|------------------|-------------|----------------|------|------|------------|-----|--|--------------|----|--------------|-----|
| | | UHM | MEAN | | T1 | E1 | | A | D | RD | B |
| COL. STA., TEX. | 4.25 | 1.11 | .92 | 41.8 | 21.7 | 6.9 | | 456 | 35 | 70 | 7.7 |
| ST. JOSEPH, LA. | 4.50 | 1.21 | .99 | 38.8 | 20.7 | 6.9 | | 441 | 36 | 74 | 9.1 |
| ST. VILLE, MISS. | 4.25 | 1.17 | .95 | 37.9 | 20.8 | 8.2 | | 462 | 38 | 76 | 8.3 |
| FT. PILL., TENN. | 4.15 | 1.19 | 1.00 | 36.4 | 19.9 | 8.8 | | 470 | 41 | 77 | 7.6 |
| EXPERIMENT, GA. | 4.16 | 1.18 | .99 | 34.0 | 19.0 | 9.1 | | 472 | 52 | 76 | 9.7 |
| TIFTON, GA. | 4.66 | 1.21 | 1.02 | 35.0 | 19.2 | 8.3 | | 433 | 32 | 77 | 8.8 |
| FLORENCE, S.C. | 4.55 | 1.16 | .96 | 34.8 | 18.9 | 9.2 | | 448 | 41 | 78 | 8.2 |
| ROCKY MT., N.C. | 4.28 | 1.16 | .95 | 36.1 | 18.8 | 8.5 | | 459 | 43 | 79 | 8.6 |
| PORTVILLE, MO. | 4.55 | 1.22 | 1.04 | 36.9 | 19.3 | 8.2 | | 439 | 28 | 77 | 8.4 |
| B'LA MINA, ALA. | 4.89 | 1.14 | .97 | 37.9 | 20.1 | 8.1 | | 413 | 28 | 74 | 8.3 |
| ROHWER, ARK. | 4.77 | 1.20 | 1.01 | 39.0 | 20.2 | 7.6 | | 429 | 25 | 75 | 8.1 |

SPAN LENGTH, 50 PCT.

| | | |
|-----------------|-----|----|
| COKER 413 | .55 | A |
| GA HT | .55 | A |
| TH 149-20 | .55 | A |
| ATLAS (CXE)-352 | .55 | A |
| DPL 5822---26 | .55 | A |
| MO 61-470H | .55 | A |
| MO 61-470F | .55 | A |
| PD 3-3967 | .55 | A |
| DELTAPINE S.L. | .54 | AB |
| COKER 201 | .54 | AB |
| ST. 508-9117 | .54 | AB |
| ATLAS (AXC)-261 | .54 | AB |
| COKER 4104 | .54 | AB |
| STONEVILLE 213 | .53 | B |
| PD 4-3868 | .53 | B |
| 62-0-10 | .53 | B |

SPAN LENGTH, 2.5 PCT.

| | | |
|-----------------|------|----|
| ST. 508-9117 | 1.20 | A |
| COKER 4104 | 1.20 | A |
| COKER 413 | 1.19 | A |
| DPL 5822---26 | 1.17 | B |
| DELTAPINE S.L. | 1.16 | BC |
| TH 149-20 | 1.16 | BC |
| 62-0-10 | 1.16 | BC |
| COKER 201 | 1.15 | C |
| MO 61-470H | 1.15 | C |
| MO 61-470F | 1.15 | C |
| STONEVILLE 213 | 1.13 | D |
| PD 3-3967 | 1.13 | D |
| GA HT | 1.12 | D |
| ATLAS (AXC)-261 | 1.12 | D |
| ATLAS (CXE)-352 | 1.12 | D |
| PD 4-3868 | 1.09 | E |

22'S

| | | |
|-----------------|-----|-----|
| GA HT | 141 | A |
| COKER 413 | 134 | B |
| ATLAS (AXC)-261 | 134 | B |
| PD 3-3967 | 134 | B |
| TH 149-20 | 132 | BC |
| ST. 508-9117 | 131 | BCD |
| ATLAS (CXE)-352 | 131 | BCD |
| COKER 4104 | 130 | BCD |
| PD 4-3868 | 129 | CD |
| DPL 5822---26 | 127 | D |
| 62-0-10 | 123 | E |
| MO 61-470H | 122 | E |
| DELTAPINE S.L. | 121 | E |
| COKER 201 | 120 | E |
| MO 61-470F | 119 | EF |
| STONEVILLE 213 | 116 | F |

MICRONAIRE

| | | |
|-----------------|------|-----|
| ATLAS (CXE)-352 | 4.75 | A |
| ATLAS (AXC)-261 | 4.70 | AB |
| PD 4-3868 | 4.70 | AB |
| GA HT | 4.63 | ABC |
| STONEVILLE 213 | 4.59 | BCD |
| 62-0-10 | 4.59 | BCD |
| COKER 201 | 4.54 | CDE |
| MO 61-470F | 4.52 | CDE |
| DPL 5822---26 | 4.47 | DE |
| MO 61-470H | 4.46 | DE |
| DELTAPINE S.L. | 4.45 | DE |
| PD 3-3967 | 4.42 | E |
| TH 149-20 | 4.41 | E |
| COKER 413 | 4.20 | F |
| COKER 4104 | 4.07 | F |
| ST. 508-9117 | 3.81 | G |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM

| | | |
|-----------------|------|----|
| COKER 4104 | 1.23 | A |
| COKER 413 | 1.22 | AB |
| ST. 508-9117 | 1.21 | BC |
| DPL 5822---26 | 1.21 | BC |
| TH 149-20 | 1.20 | CD |
| DELTAPINE S.L. | 1.19 | DE |
| COKER 201 | 1.18 | E |
| MO 61-470H | 1.18 | E |
| MO 61-470F | 1.18 | E |
| 62-0-10 | 1.18 | E |
| STONEVILLE 213 | 1.16 | F |
| GA HT | 1.16 | F |
| ATLAS (AXC)-261 | 1.15 | FG |
| ATLAS (CXE)-352 | 1.15 | FG |
| PD 3-3967 | 1.14 | G |
| PD 4-3868 | 1.12 | H |

DRAWING SLIVER, MEAN

| | | |
|-----------------|------|-----|
| COKER 413 | 1.02 | A |
| COKER 4104 | 1.02 | A |
| TH 149-20 | 1.01 | AB |
| DPL 5822---26 | 1.01 | AB |
| MO 61-470H | .99 | BC |
| DELTAPINE S.L. | .98 | CD |
| COKER 201 | .98 | CD |
| GA HT | .98 | CD |
| ST. 508-9117 | .98 | CD |
| MO 61-470F | .98 | CD |
| STONEVILLE 213 | .97 | CDE |
| ATLAS (CXE)-352 | .97 | CDE |
| ATLAS (AXC)-261 | .96 | DEF |
| PD 3-3967 | .95 | EF |
| PD 4-3868 | .94 | F |
| 62-0-10 | .94 | F |

STELOMETER - T0

| | | |
|-----------------|------|---|
| GA HT | 42.1 | A |
| PD 3-3967 | 41.5 | A |
| ATLAS (AXC)-261 | 41.2 | A |
| ATLAS (CXE)-352 | 40.2 | B |
| PD 4-3868 | 38.5 | C |
| 62-0-10 | 38.4 | C |
| COKER 413 | 38.0 | C |
| TH 149-20 | 37.7 | C |
| DPL 5822---26 | 36.0 | D |
| COKER 201 | 35.0 | E |
| COKER 4104 | 34.8 | E |
| STONEVILLE 213 | 34.4 | E |
| MO 61-470F | 34.3 | E |
| MO 61-470H | 34.2 | E |
| ST. 508-9117 | 34.1 | E |
| DELTAPINE S.L. | 34.0 | E |

STELOMETER - T1

| | | |
|-----------------|------|----|
| GA HT | 22.2 | A |
| ATLAS (AXC)-261 | 21.5 | B |
| PD 3-3967 | 21.2 | BC |
| PD 4-3868 | 20.9 | C |
| ATLAS (CXE)-352 | 20.8 | C |
| TH 149-20 | 20.2 | D |
| COKER 413 | 19.9 | DE |
| DPL 5822---26 | 19.6 | EF |
| MO 61-470H | 19.6 | EF |
| MO 61-470F | 19.3 | EF |
| ST. 508-9117 | 19.2 | FG |
| COKER 4104 | 19.2 | FG |
| DELTAPINE S.L. | 19.0 | FG |
| 62-0-10 | 18.6 | GH |
| COKER 201 | 18.4 | H |
| STONEVILLE 213 | 18.2 | H |

STELOMETER - E1

| | | |
|-----------------|------|----|
| DELTAPINE S.L. | 10.2 | A |
| MO 61-470H | 10.2 | A |
| MO 61-470F | 10.2 | A |
| ST. 508-9117 | 9.1 | B |
| STONEVILLE 213 | 8.6 | C |
| COKER 4104 | 8.3 | C |
| DPL 5822---26 | 8.3 | C |
| COKER 201 | 8.2 | C |
| PD 4-3868 | 8.2 | C |
| GA HT | 7.4 | D |
| TH 149-20 | 7.4 | D |
| COKER 413 | 7.2 | DE |
| ATLAS (CXE)-352 | 7.2 | DE |
| ATLAS (AXC)-261 | 6.9 | EF |
| PD 3-3967 | 6.8 | EF |
| 62-0-10 | 6.6 | F |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

AREALOMETER - A

| | | |
|-----------------|-----|------|
| ST. 508-9117 | 499 | A |
| COKER 4104 | 477 | B |
| COKER 413 | 466 | C |
| DELTAPINE S.L. | 452 | D |
| MO 61-470H | 450 | DE |
| TH 149-20 | 446 | DEF |
| DPL 5822---26 | 445 | DEF |
| PD 3-3967 | 445 | DEF |
| COKER 201 | 444 | DEF |
| MO 61-470F | 440 | DEFG |
| STONEVILLE 213 | 438 | EFGH |
| PD 4-3868 | 434 | FGH |
| 62-0-10 | 434 | FGH |
| GA HT | 432 | GH |
| ATLAS (AXC)-261 | 428 | H |
| ATLAS (CXE)-352 | 428 | H |

COLORIMETER - RD

| | | |
|-----------------|----|---|
| DELTAPINE S.L. | 77 | A |
| STONEVILLE 213 | 77 | A |
| ST. 508-9117 | 77 | A |
| TH 149-20 | 77 | A |
| COKER 201 | 76 | B |
| COKER 413 | 76 | B |
| GA HT | 76 | B |
| ATLAS (AXC)-261 | 76 | B |
| COKER 4104 | 76 | B |
| DPL 5822---26 | 76 | B |
| PD 3-3967 | 76 | B |
| PD 4-3868 | 76 | B |
| 62-0-10 | 76 | B |
| ATLAS (CXE)-352 | 75 | C |
| MO 61-470H | 75 | C |
| MO 61-470F | 74 | D |

AREALOMETER - D

| | | |
|-----------------|----|------|
| ST. 508-9117 | 48 | A |
| COKER 4104 | 42 | B |
| COKER 413 | 41 | BC |
| MO 61-470H | 39 | BCD |
| COKER 201 | 38 | BCDE |
| DPL 5822---26 | 37 | CDE |
| DELTAPINE S.L. | 36 | DE |
| MO 61-470F | 36 | DE |
| 62-0-10 | 36 | DE |
| PD 3-3967 | 35 | DE |
| STONEVILLE 213 | 34 | DEF |
| TH 149-20 | 34 | DEF |
| PD 4-3868 | 34 | DEF |
| ATLAS (CXE)-352 | 33 | EFG |
| ATLAS (AXC)-261 | 30 | FG |
| GA HT | 29 | G |

COLORIMETER - B

| | | |
|-----------------|-----|------|
| MO 61-470F | 9.0 | A |
| 62-0-10 | 8.8 | AB |
| DPL 5822---26 | 8.7 | ABC |
| ATLAS (CXE)-352 | 8.6 | BCD |
| MO 61-470H | 8.6 | BCD |
| COKER 201 | 8.5 | BCDE |
| STONEVILLE 213 | 8.5 | BCDE |
| ST. 508-9117 | 8.5 | BCDE |
| COKER 4104 | 8.5 | BCDE |
| PD 4-3868 | 8.4 | CDE |
| COKER 413 | 8.3 | DEF |
| ATLAS (AXC)-261 | 8.3 | DEF |
| GA HT | 8.2 | EFG |
| PD 3-3967 | 8.2 | EFG |
| DELTAPINE S.L. | 8.0 | FG |
| TH 149-20 | 7.9 | G |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | |
|---------|------------|-------------|-----------|---------|---------------|--------|--------|--|
| | • YIELD | • BOLL SIZE | • LINT | • SEED | • SPAN LENGTH | | | |
| | • LB. LINT | • GRAM | • NO. | • INDEX | • 50 | • 2.5 | • 22'S | |
| | • PER ACRE | • PER BOLL | • PER LB. | • PCT. | • PCT. | • PCT. | | |

COLLEGE STATION, TEX.

| | | | | | | | | |
|-----------------|----------|------|----|------|------|-----|------|-----|
| STONEVILLE 213 | 872 A | 5.47 | 83 | 37.8 | 10.3 | .50 | 1.10 | 111 |
| COKER 201 | 867 A | 5.86 | 78 | 37.1 | 10.8 | .52 | 1.10 | 119 |
| TH 149-20 | 807 AB | 6.90 | 66 | 35.1 | 13.5 | .51 | 1.11 | 132 |
| DELTAPINE S.L. | 784 AB | 5.37 | 85 | 37.1 | 10.0 | .49 | 1.10 | 115 |
| MO 61-470F | 776 AB | 6.30 | 72 | 34.8 | 12.4 | .52 | 1.11 | 124 |
| COKER 413 | 763 AB | 4.95 | 92 | 34.2 | 11.0 | .54 | 1.17 | 137 |
| 62-0-10 | 741 AB | 5.93 | 77 | 36.5 | 11.9 | .47 | 1.08 | 120 |
| ST. 508-9117 | 733 ABC | 5.73 | 80 | 34.9 | 11.0 | .47 | 1.09 | 130 |
| COKER 4104 | 701 ABCD | 5.82 | 79 | 34.5 | 11.3 | .53 | 1.15 | 136 |
| PD 3-3967 | 666 BCD | 5.35 | 85 | 38.5 | 10.9 | .51 | 1.05 | 130 |
| GA HT | 645 BCD | 5.75 | 79 | 34.3 | 11.3 | .50 | 1.04 | 142 |
| ATLAS (AXC)-261 | 644 BCD | 5.64 | 81 | 36.1 | 12.0 | .52 | 1.06 | 137 |
| MO 61-470H | 635 BCD | 5.42 | 84 | 33.7 | 12.4 | .50 | 1.11 | 134 |
| DPL 5822---26 | 567 CD | 5.09 | 92 | 36.2 | 11.1 | .54 | 1.12 | 133 |
| ATLAS (CXE)-352 | 539 D | 5.25 | 87 | 35.8 | 11.8 | .48 | 1.03 | 136 |
| PD 4-3868 | 535 D | 5.55 | 82 | 35.3 | 9.7 | .49 | 1.01 | 132 |

STONEVILLE, MISS.

| | | | | | | | | |
|-----------------|----------|------|----|------|------|-----|------|-----|
| STONEVILLE 213 | 1039 A | 5.87 | 78 | 36.1 | 11.4 | .50 | 1.11 | 110 |
| MO 61-470F | 1010 A | 6.63 | 69 | 34.1 | 13.5 | .55 | 1.16 | 130 |
| PD 3-3967 | 1000 AB | 6.57 | 69 | 37.4 | 12.4 | .52 | 1.11 | 135 |
| COKER 201 | 996 AB | 6.57 | 69 | 37.0 | 12.5 | .53 | 1.16 | 126 |
| DELTAPINE S.L. | 988 ABC | 5.52 | 82 | 35.2 | 10.3 | .53 | 1.17 | 127 |
| ATLAS (CXE)-352 | 977 ABCD | 6.24 | 73 | 36.4 | 14.2 | .51 | 1.12 | 133 |
| MO 61-470H | 967 ABCD | 6.78 | 67 | 34.6 | 14.5 | .53 | 1.14 | 131 |
| ATLAS (AXC)-261 | 955 ABCD | 6.16 | 74 | 35.6 | 12.9 | .50 | 1.08 | 135 |
| 62-0-10 | 952 ABCD | 7.69 | 59 | 35.1 | 13.9 | .55 | 1.20 | 131 |
| DPL 5822---26 | 952 ABCD | 6.22 | 73 | 36.1 | 11.3 | .54 | 1.18 | 126 |
| COKER 4104 | 941 ABCD | 6.72 | 68 | 34.4 | 12.7 | .55 | 1.21 | 136 |
| ST. 508-9117 | 936 ABCD | 6.68 | 68 | 33.8 | 12.1 | .54 | 1.20 | 138 |
| GA HT | 898 BCD | 6.55 | 69 | 34.7 | 13.0 | .53 | 1.14 | 146 |
| PD 4-3868 | 883 CD | 5.96 | 76 | 35.1 | 12.1 | .53 | 1.11 | 133 |
| TH 149-20 | 873 D | 7.24 | 63 | 33.2 | 14.0 | .55 | 1.19 | 139 |
| COKER 413 | 768 E | 5.58 | 82 | 32.8 | 12.1 | .53 | 1.20 | 135 |

ST. JOSEPH, LA.

| | | | | | | | | |
|-----------------|----------|------|----|------|------|-----|------|-----|
| DELTAPINE S.L. | 1541 A | 6.04 | 76 | 37.7 | 11.0 | .57 | 1.22 | 126 |
| STONEVILLE 213 | 1515 A | 6.24 | 73 | 37.3 | 12.3 | .55 | 1.16 | 117 |
| COKER 201 | 1466 AB | 6.91 | 66 | 37.5 | 13.5 | .54 | 1.21 | 119 |
| DPL 5822---26 | 1428 ABC | 6.15 | 74 | 36.9 | 12.2 | .58 | 1.22 | 133 |
| COKER 413 | 1411 ABC | 5.88 | 77 | 35.6 | 13.2 | .57 | 1.23 | 140 |
| ST. 508-9117 | 1403 ABC | 6.71 | 68 | 37.1 | 12.8 | .54 | 1.20 | 130 |
| COKER 4104 | 1397 ABC | 6.91 | 66 | 36.5 | 13.4 | .55 | 1.22 | 133 |
| MO 61-470F | 1380 ABC | 7.28 | 63 | 35.8 | 15.0 | .55 | 1.16 | 121 |
| MO 61-470H | 1372 ABC | 7.15 | 64 | 34.6 | 15.6 | .55 | 1.20 | 129 |
| 62-0-10 | 1367 ABC | 7.75 | 59 | 37.5 | 14.8 | .56 | 1.20 | 126 |
| PD 3-3967 | 1366 ABC | 6.89 | 66 | 38.7 | 13.8 | .53 | 1.13 | 133 |
| TH 149-20 | 1357 ABC | 7.65 | 60 | 35.3 | 15.2 | .57 | 1.18 | 137 |
| ATLAS (CXE)-352 | 1351 ABC | 6.66 | 68 | 37.1 | 14.7 | .56 | 1.14 | 136 |
| PD 4-3868 | 1347 ABC | 6.40 | 71 | 37.0 | 12.7 | .54 | 1.10 | 133 |
| GA HT | 1262 BC | 6.59 | 69 | 35.1 | 13.7 | .55 | 1.14 | 149 |
| ATLAS (AXC)-261 | 1260 C | 6.67 | 68 | 36.7 | 14.9 | .56 | 1.16 | 138 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • STELOMETER • TO • T1 • E1 • | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • |
|---------|-------------------------------|---|--|---|--|
| | | | | | |

COLLEGE STATION, TEX.

| | | | | | | | | | | |
|-----------------|------|------|-----|------|------|-----|-----|----|----|-----|
| STONEVILLE 213 | 4.48 | 1.08 | .87 | 37.5 | 19.2 | 7.3 | 434 | 33 | 70 | 8.3 |
| COKER 201 | 4.41 | 1.08 | .87 | 40.1 | 20.4 | 6.5 | 440 | 31 | 70 | 7.8 |
| TH 149-20 | 4.27 | 1.17 | .98 | 42.9 | 22.0 | 6.2 | 448 | 35 | 70 | 7.0 |
| DELTAPINE S.L. | 4.69 | 1.10 | .88 | 37.8 | 19.9 | 8.2 | 433 | 24 | 73 | 8.0 |
| MO 61-470F | 4.21 | 1.16 | .95 | 38.9 | 21.8 | 8.7 | 456 | 35 | 69 | 8.3 |
| COKER 413 | 3.98 | 1.18 | .98 | 41.3 | 21.5 | 6.3 | 482 | 45 | 71 | 7.3 |
| 62-0-10 | 4.33 | 1.10 | .89 | 41.6 | 19.4 | 5.8 | 453 | 41 | 71 | 8.0 |
| ST. 508-9117 | 3.80 | 1.15 | .95 | 38.0 | 20.7 | 8.0 | 508 | 47 | 72 | 7.5 |
| COKER 4104 | 3.67 | 1.16 | .93 | 40.2 | 21.7 | 7.5 | 505 | 50 | 69 | 7.3 |
| PD 3-3967 | 3.94 | 1.05 | .89 | 46.7 | 21.9 | 5.8 | 462 | 36 | 72 | 7.5 |
| GA HT | 4.46 | 1.10 | .94 | 45.7 | 23.5 | 6.2 | 440 | 26 | 69 | 7.0 |
| ATLAS (AXC)-261 | 4.51 | 1.10 | .92 | 47.3 | 24.3 | 6.1 | 431 | 25 | 69 | 7.8 |
| MO 61-470H | 3.88 | 1.16 | .98 | 38.2 | 22.5 | 9.0 | 488 | 41 | 71 | 7.8 |
| DPL 5822---26 | 4.70 | 1.16 | .98 | 43.4 | 23.4 | 6.3 | 420 | 31 | 70 | 7.0 |
| ATLAS (CXE)-352 | 4.38 | 1.08 | .90 | 46.0 | 23.5 | 6.2 | 450 | 33 | 71 | 8.5 |
| PD 4-3868 | 4.35 | 1.04 | .87 | 42.9 | 22.0 | 7.2 | 446 | 32 | 71 | 7.8 |

STONEVILLE, MISS.

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| STONEVILLE 213 | 4.54 | 1.15 | .94 | 33.6 | 18.5 | 9.0 | 449 | 31 | 78 | 9.0 |
| MO 61-470F | 4.22 | 1.17 | .93 | 36.4 | 21.0 | 9.6 | 447 | 40 | 75 | 9.3 |
| PD 3-3967 | 4.20 | 1.14 | .91 | 41.4 | 21.7 | 7.0 | 478 | 42 | 75 | 7.8 |
| COKER 201 | 4.50 | 1.19 | .95 | 35.9 | 19.4 | 7.9 | 440 | 32 | 77 | 8.5 |
| DELTAPINE S.L. | 4.17 | 1.19 | .95 | 35.0 | 20.5 | 10.8 | 467 | 46 | 78 | 7.8 |
| ATLAS (CXE)-352 | 4.47 | 1.15 | .93 | 42.0 | 22.1 | 7.1 | 442 | 33 | 77 | 9.0 |
| MO 61-470H | 4.42 | 1.18 | .95 | 35.9 | 20.7 | 10.0 | 465 | 43 | 75 | 8.0 |
| ATLAS (AXC)-261 | 4.38 | 1.12 | .91 | 43.1 | 22.9 | 6.8 | 457 | 34 | 76 | 8.3 |
| 62-0-10 | 4.30 | 1.19 | .95 | 38.4 | 19.7 | 6.6 | 440 | 35 | 78 | 8.5 |
| DPL 5822---26 | 4.38 | 1.18 | .96 | 36.3 | 19.8 | 8.3 | 446 | 31 | 76 | 8.8 |
| COKER 4104 | 4.02 | 1.23 | 1.00 | 35.6 | 19.8 | 8.6 | 493 | 48 | 79 | 8.3 |
| ST. 508-9117 | 3.65 | 1.22 | .97 | 34.5 | 19.9 | 9.0 | 521 | 48 | 79 | 8.3 |
| GA HT | 4.49 | 1.16 | .96 | 42.3 | 22.5 | 7.3 | 442 | 28 | 75 | 8.3 |
| PD 4-3868 | 4.32 | 1.11 | .93 | 37.9 | 22.0 | 8.9 | 453 | 32 | 76 | 8.3 |
| TH 149-20 | 4.16 | 1.20 | .96 | 38.6 | 21.0 | 7.6 | 464 | 38 | 77 | 7.5 |
| COKER 413 | 3.77 | 1.22 | .96 | 39.9 | 21.5 | 6.7 | 490 | 48 | 76 | 7.8 |

ST. JOSEPH, LA.

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|-----|-----|----|----|------|
| DELTAPINE S.L. | 4.52 | 1.24 | 1.05 | 34.4 | 18.8 | 8.6 | 452 | 31 | 75 | 8.3 |
| STONEVILLE 213 | 4.73 | 1.21 | 1.04 | 34.8 | 18.0 | 7.6 | 434 | 32 | 76 | 9.0 |
| COKER 201 | 4.54 | 1.24 | 1.03 | 35.4 | 18.5 | 6.2 | 449 | 41 | 72 | 9.0 |
| DPL 5822---26 | 4.47 | 1.24 | 1.02 | 37.7 | 20.4 | 7.3 | 444 | 34 | 74 | 9.3 |
| COKER 413 | 4.22 | 1.28 | 1.09 | 38.7 | 20.1 | 6.2 | 454 | 42 | 74 | 8.3 |
| ST. 508-9117 | 3.98 | 1.20 | .91 | 35.8 | 19.7 | 7.5 | 489 | 48 | 77 | 9.5 |
| COKER 4104 | 4.03 | 1.25 | 1.05 | 34.8 | 19.3 | 7.1 | 480 | 46 | 74 | 9.0 |
| MO 61-470F | 4.56 | 1.21 | .99 | 35.5 | 20.3 | 8.7 | 433 | 30 | 74 | 10.3 |
| MO 61-470H | 4.46 | 1.21 | .94 | 37.2 | 21.6 | 8.5 | 437 | 40 | 74 | 9.3 |
| 62-0-10 | 4.45 | 1.21 | .92 | 39.4 | 20.0 | 6.0 | 431 | 36 | 76 | 9.5 |
| PD 3-3967 | 4.69 | 1.14 | .89 | 44.7 | 22.5 | 5.5 | 429 | 30 | 74 | 9.8 |
| TH 149-20 | 4.26 | 1.22 | .99 | 41.4 | 21.3 | 6.4 | 447 | 35 | 76 | 8.8 |
| ATLAS (CXE)-352 | 5.01 | 1.19 | 1.07 | 40.8 | 21.3 | 6.1 | 416 | 28 | 72 | 9.3 |
| PD 4-3868 | 4.76 | 1.13 | .91 | 42.0 | 22.7 | 6.8 | 416 | 34 | 73 | 8.8 |
| GA HT | 4.69 | 1.18 | .96 | 46.3 | 23.9 | 6.3 | 429 | 31 | 74 | 8.8 |
| ATLAS (AXC)-261 | 4.75 | 1.17 | 1.01 | 42.5 | 22.8 | 5.9 | 419 | 40 | 74 | 9.3 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|---------------|--------|---|---|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 2.5 | • 22'S | • | • |
| | | • BOLL | • LB. | • | • | • PCT. | • PCT. | • | • |

ROHWER, ARK.

| | | | | | | | | |
|-----------------|----------|------|----|------|------|-----|------|-----|
| COKER 201 | 1370 A | 6.12 | 75 | 37.1 | 12.7 | .55 | 1.15 | 120 |
| STONEVILLE 213 | 1243 AB | 5.83 | 78 | 37.3 | 11.9 | .53 | 1.13 | 113 |
| COKER 4104 | 1214 ABC | 6.65 | 69 | 35.8 | 13.0 | .54 | 1.20 | 127 |
| MO 61-470F | 1198 ABC | 6.71 | 68 | 36.8 | 14.0 | .55 | 1.14 | 124 |
| TH 149-20 | 1186 ABC | 7.69 | 59 | 36.0 | 14.7 | .53 | 1.15 | 121 |
| PD 4-3868 | 1174 ABC | 5.85 | 78 | 37.1 | 12.3 | .50 | 1.05 | 129 |
| DELTAPINE S.L. | 1132 BCD | 5.87 | 78 | 37.7 | 11.2 | .52 | 1.15 | 119 |
| COKER 413 | 1129 BCD | 5.51 | 82 | 35.6 | 12.6 | .56 | 1.21 | 138 |
| MO 61-470H | 1105 BCD | 6.46 | 70 | 35.8 | 14.3 | .55 | 1.14 | 125 |
| GA HT | 1085 BCD | 6.66 | 69 | 35.9 | 13.3 | .53 | 1.10 | 141 |
| PD 3-3967 | 1066 BCD | 5.88 | 77 | 38.6 | 13.0 | .51 | 1.10 | 134 |
| ATLAS (AXC)-261 | 1046 BCD | 6.18 | 74 | 37.2 | 14.3 | .56 | 1.16 | 146 |
| DPL 5822---26 | 993 CDE | 6.57 | 69 | 37.7 | 12.3 | .55 | 1.17 | 128 |
| ATLAS (CXE)-352 | 932 DE | 6.30 | 72 | 37.8 | 14.2 | .56 | 1.13 | 129 |
| ST. 508-9117 | 911 DE | 6.71 | 68 | 35.9 | 12.7 | .53 | 1.20 | 124 |
| 62-0-10 | 784 E | 7.15 | 64 | 36.8 | 14.4 | .51 | 1.15 | 118 |

PORTAGEVILLE, MO.

| | | | | | | | | |
|-----------------|----------|------|----|------|------|-----|------|-----|
| STONEVILLE 213 | 1215 A | 5.90 | 77 | 35.2 | 12.0 | .53 | 1.14 | 116 |
| DELTAPINE S.L. | 1171 A | 5.70 | 80 | 35.6 | 11.2 | .52 | 1.16 | 115 |
| COKER 4104 | 1126 AB | 6.45 | 71 | 33.8 | 13.8 | .55 | 1.24 | 128 |
| DPL 5822---26 | 1066 BC | 5.90 | 77 | 34.7 | 11.6 | .55 | 1.17 | 124 |
| COKER 201 | 1048 BCD | 6.70 | 68 | 35.8 | 13.0 | .54 | 1.18 | 118 |
| TH 149-20 | 997 CDE | 7.75 | 59 | 32.0 | 15.4 | .56 | 1.18 | 128 |
| MO 61-470F | 996 CDE | 6.75 | 68 | 32.9 | 15.8 | .58 | 1.19 | 112 |
| COKER 413 | 962 CDEF | 5.65 | 81 | 34.5 | 12.2 | .55 | 1.23 | 132 |
| PD 3-3967 | 961 CDEF | 5.90 | 77 | 36.4 | 13.4 | .57 | 1.16 | 134 |
| PD 4-3868 | 953 DEF | 6.40 | 71 | 34.3 | 13.0 | .56 | 1.14 | 132 |
| 62-0-10 | 914 EFG | 6.75 | 68 | 35.5 | 13.6 | .53 | 1.16 | 121 |
| MO 61-470H | 899 EFG | 6.60 | 69 | 32.2 | 15.8 | .57 | 1.18 | 111 |
| ST. 508-9117 | 884 FG | 6.25 | 73 | 31.8 | 12.8 | .58 | 1.26 | 129 |
| ATLAS (CXE)-352 | 846 G | 6.35 | 72 | 34.9 | 14.4 | .56 | 1.15 | 134 |
| ATLAS (AXC)-261 | 823 G | 6.75 | 68 | 34.4 | 14.2 | .56 | 1.16 | 135 |
| GA HT | 823 G | 6.55 | 70 | 32.1 | 14.0 | .59 | 1.17 | 142 |

FT. PILLOW, TENN.

| | | | | | | | | |
|-----------------|-----------|------|----|------|------|-----|------|-----|
| TH 149-20 | 552 A | 7.37 | 62 | 34.7 | 14.6 | .57 | 1.18 | 135 |
| MO 61-470H | 541 AB | 7.33 | 62 | 36.3 | 14.9 | .54 | 1.15 | 127 |
| ATLAS (AXC)-261 | 529 ABC | 6.65 | 69 | 36.4 | 14.8 | .56 | 1.14 | 135 |
| PD 3-3967 | 511 ABCD | 6.70 | 68 | 37.3 | 13.9 | .58 | 1.15 | 140 |
| 62-0-10 | 476 ABCDE | 7.53 | 61 | 36.9 | 15.3 | .53 | 1.18 | 126 |
| MO 61-470F | 467 ABCDE | 7.00 | 65 | 35.5 | 14.5 | .55 | 1.17 | 122 |
| COKER 201 | 465 ABCDE | 6.59 | 69 | 36.9 | 12.4 | .55 | 1.18 | 125 |
| ATLAS (CXE)-352 | 438 BCDEF | 6.52 | 70 | 36.6 | 14.7 | .56 | 1.14 | 137 |
| STONEVILLE 213 | 425 CDEFG | 6.11 | 75 | 34.8 | 12.8 | .54 | 1.17 | 123 |
| COKER 413 | 414 DEFGH | 5.90 | 77 | 36.0 | 11.5 | .56 | 1.21 | 139 |
| COKER 4104 | 392 EFGH | 6.40 | 71 | 35.3 | 13.2 | .55 | 1.23 | 127 |
| DELTAPINE S.L. | 351 FGH | 6.00 | 76 | 35.5 | 11.9 | .55 | 1.18 | 128 |
| GA HT | 328 GH | 6.68 | 68 | 34.3 | 13.8 | .57 | 1.17 | 141 |
| PD 4-3868 | 326 GH | 6.24 | 73 | 34.8 | 13.4 | .54 | 1.12 | 137 |
| ST. 508-9117 | 311 H | 6.27 | 73 | 33.9 | 13.1 | .54 | 1.23 | 138 |
| DPL 5822---26 | 219 I | 5.90 | 78 | 35.4 | 12.9 | .54 | 1.17 | 130 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | • • MICRO- • NAIRE • | • • DRAWING • SLIVER • UHM • MEAN • | • • • TO • | • • STELOMETER • T1 • | • • E1 • | • • AREALO- • METER • A • D • | • • COLORI- • METER • RD • B • | | | |
|--------------------------|-------------------------------|---|---------------------|--------------------------------|----------------|---|--|----|----|-----|
| <u>ROHWER, ARK.</u> | | | | | | | | | | |
| COKER 201 | 4.89 | 1.20 | 1.01 | 35.2 | 18.4 | 7.1 | 440 | 32 | 76 | 8.0 |
| STONEVILLE 213 | 5.06 | 1.16 | .97 | 36.0 | 18.1 | 8.0 | 418 | 25 | 77 | 8.0 |
| COKER 4104 | 4.33 | 1.27 | 1.07 | 36.1 | 19.4 | 8.3 | 456 | 27 | 75 | 8.5 |
| MO 61-470F | 4.66 | 1.22 | 1.05 | 37.0 | 20.3 | 10.0 | 427 | 19 | 74 | 8.8 |
| TH 149-20 | 4.79 | 1.21 | 1.04 | 40.3 | 21.1 | 6.9 | 414 | 22 | 76 | 7.5 |
| PD 4-3868 | 4.98 | 1.12 | .95 | 40.8 | 21.3 | 7.6 | 419 | 25 | 75 | 8.5 |
| DELTAPINE S.L. | 4.78 | 1.19 | 1.00 | 34.4 | 18.4 | 9.8 | 435 | 27 | 76 | 7.8 |
| COKER 413 | 4.52 | 1.28 | 1.09 | 40.7 | 21.5 | 6.8 | 430 | 34 | 76 | 8.3 |
| MO 61-470H | 4.67 | 1.22 | 1.05 | 36.1 | 20.9 | 9.6 | 447 | 23 | 74 | 8.0 |
| GA HT | 4.97 | 1.18 | 1.02 | 44.2 | 22.6 | 6.8 | 407 | 16 | 75 | 7.5 |
| PD 3-3967 | 4.66 | 1.16 | .98 | 44.8 | 21.8 | 6.2 | 431 | 21 | 74 | 8.0 |
| ATLAS (AXC)-261 | 5.07 | 1.15 | .96 | 43.7 | 22.1 | 6.2 | 424 | 29 | 76 | 8.0 |
| DPL 5822---26 | 4.99 | 1.24 | 1.06 | 38.6 | 19.7 | 8.0 | 419 | 18 | 77 | 8.5 |
| ATLAS (CXE)-352 | 5.18 | 1.14 | .95 | 43.5 | 20.9 | 6.1 | 415 | 31 | 73 | 8.5 |
| ST. 508-9117 | 3.97 | 1.23 | 1.01 | 34.8 | 19.1 | 8.4 | 479 | 40 | 77 | 8.0 |
| 62-0-10 | 4.86 | 1.21 | .97 | 39.0 | 18.6 | 6.2 | 412 | 23 | 76 | 8.0 |
| <u>PORTAGEVILLE, MO.</u> | | | | | | | | | | |
| STONEVILLE 213 | 4.59 | 1.23 | 1.06 | 33.8 | 17.6 | 8.8 | 446 | 31 | 79 | 8.8 |
| DELTAPINE S.L. | 4.41 | 1.22 | 1.00 | 33.1 | 18.4 | 10.7 | 449 | 26 | 79 | 7.8 |
| COKER 4104 | 4.15 | 1.29 | 1.09 | 34.4 | 18.5 | 8.1 | 463 | 26 | 77 | 8.5 |
| DPL 5822---26 | 4.39 | 1.24 | 1.06 | 34.6 | 18.6 | 8.9 | 455 | 31 | 78 | 9.0 |
| COKER 201 | 4.69 | 1.22 | 1.03 | 34.4 | 18.0 | 8.1 | 429 | 25 | 77 | 8.5 |
| TH 149-20 | 4.44 | 1.23 | 1.06 | 37.5 | 19.8 | 7.3 | 428 | 31 | 79 | 8.5 |
| MO 61-470F | 4.82 | 1.22 | 1.05 | 32.8 | 17.9 | 11.0 | 426 | 25 | 75 | 9.0 |
| COKER 413 | 4.18 | 1.27 | 1.07 | 39.1 | 19.1 | 6.9 | 464 | 26 | 77 | 8.3 |
| PD 3-3967 | 4.62 | 1.19 | 1.02 | 41.8 | 21.2 | 6.5 | 430 | 20 | 77 | 7.8 |
| PD 4-3868 | 4.84 | 1.17 | 1.02 | 38.4 | 21.0 | 8.1 | 421 | 24 | 77 | 8.5 |
| 62-0-10 | 4.72 | 1.18 | .95 | 39.9 | 18.7 | 6.6 | 433 | 36 | 78 | 8.0 |
| MO 61-470H | 4.75 | 1.23 | 1.05 | 32.7 | 17.8 | 10.3 | 429 | 27 | 74 | 9.0 |
| ST. 508-9117 | 3.69 | 1.28 | 1.07 | 32.9 | 19.1 | 9.3 | 499 | 58 | 79 | 8.3 |
| ATLAS (CXE)-352 | 5.08 | 1.20 | 1.03 | 41.0 | 20.6 | 7.0 | 414 | 32 | 77 | 8.3 |
| ATLAS (AXC)-261 | 4.79 | 1.20 | 1.01 | 42.3 | 21.6 | 6.9 | 419 | 19 | 78 | 8.0 |
| GA HT | 4.72 | 1.21 | 1.04 | 41.9 | 21.8 | 7.5 | 424 | 20 | 78 | 8.5 |
| <u>FT. PILLOW, TENN.</u> | | | | | | | | | | |
| TH 149-20 | 4.07 | 1.24 | 1.06 | 35.2 | 20.1 | 8.1 | 485 | 34 | 79 | 6.8 |
| MO 61-470H | 4.37 | 1.19 | 1.01 | 34.2 | 19.9 | 10.7 | 444 | 37 | 77 | 8.0 |
| ATLAS (AXC)-261 | 4.53 | 1.17 | .99 | 41.0 | 21.3 | 7.2 | 422 | 26 | 75 | 6.8 |
| PD 3-3967 | 4.25 | 1.16 | 1.01 | 40.3 | 21.9 | 7.9 | 453 | 35 | 77 | 7.3 |
| 62-0-10 | 4.40 | 1.19 | .97 | 37.5 | 18.0 | 6.7 | 450 | 33 | 77 | 8.3 |
| MO 61-470F | 4.27 | 1.19 | 1.01 | 33.9 | 19.5 | 11.2 | 467 | 43 | 77 | 8.0 |
| COKER 201 | 4.18 | 1.21 | 1.02 | 34.0 | 18.5 | 8.6 | 481 | 42 | 77 | 7.8 |
| ATLAS (CXE)-352 | 4.61 | 1.17 | .99 | 39.9 | 20.5 | 7.6 | 433 | 39 | 75 | 6.8 |
| STONEVILLE 213 | 4.12 | 1.17 | .97 | 35.0 | 18.8 | 9.2 | 469 | 40 | 78 | 8.3 |
| COKER 413 | 3.99 | 1.24 | 1.04 | 36.8 | 19.5 | 8.1 | 496 | 49 | 76 | 7.8 |
| COKER 4104 | 3.63 | 1.26 | 1.05 | 33.2 | 19.7 | 9.3 | 526 | 55 | 78 | 7.8 |
| DELTAPINE S.L. | 4.07 | 1.21 | 1.01 | 33.3 | 18.9 | 11.2 | 487 | 49 | 78 | 7.3 |
| GA HT | 4.37 | 1.18 | 1.02 | 41.0 | 21.9 | 7.9 | 452 | 31 | 78 | 7.8 |
| PD 4-3868 | 4.27 | 1.14 | .97 | 38.4 | 21.5 | 9.1 | 443 | 43 | 77 | 7.0 |
| ST. 508-9117 | 3.34 | 1.21 | .96 | 33.5 | 18.9 | 9.6 | 543 | 48 | 78 | 7.5 |
| DPL 5822---26 | 3.99 | 1.22 | 1.02 | 35.6 | 19.4 | 9.1 | 479 | 56 | 78 | 8.3 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | • | • | • | • | • | • | • | • | • | • |
|---------|------------|-------------|-------|--------|---------|---------------|--------|---|---|--------|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 2.5 | • | • | • | • 22'S |
| | | • BOLL | • LB. | • | | • PCT. | • PCT. | • | | |

BELLA MINA, ALA.

| | | | | | | | | | |
|-----------------|-----|------|------|----|------|------|-----|------|-----|
| PD 4-3868 | 865 | A | 6.37 | 71 | 37.0 | 12.4 | .54 | 1.15 | 118 |
| COKER 201 | 855 | AB | 6.60 | 69 | 39.0 | 12.2 | .54 | 1.10 | 121 |
| STONEVILLE 213 | 800 | ABC | 6.52 | 70 | 36.0 | 12.7 | .57 | 1.14 | 127 |
| TH 149-20 | 755 | ABCD | 6.88 | 67 | 38.3 | 13.5 | .53 | 1.13 | 119 |
| ST. 508-9117 | 746 | ABCD | 7.18 | 63 | 36.4 | 13.2 | .56 | 1.15 | 123 |
| DELTAPINE S.L. | 745 | ABCD | 6.88 | 66 | 37.1 | 11.8 | .55 | 1.13 | 115 |
| COKER 413 | 736 | BCD | 6.79 | 68 | 37.5 | 13.0 | .57 | 1.17 | 127 |
| COKER 4104 | 710 | CDE | 6.76 | 68 | 35.0 | 11.9 | .54 | 1.15 | 125 |
| PD 3-3967 | 706 | CDE | 6.07 | 75 | 39.3 | 12.4 | .55 | 1.10 | 124 |
| MO 61-470F | 687 | CDE | 6.88 | 66 | 37.3 | 13.4 | .52 | 1.08 | 112 |
| GA HT | 685 | CDE | 6.43 | 71 | 36.3 | 12.6 | .54 | 1.12 | 135 |
| MO 61-470H | 667 | DE | 6.70 | 68 | 36.5 | 13.6 | .54 | 1.14 | 120 |
| 62-0-10 | 643 | DEF | 6.78 | 68 | 36.5 | 13.6 | .55 | 1.13 | 122 |
| ATLAS (CXE)-352 | 604 | EF | 6.57 | 70 | 37.6 | 13.0 | .54 | 1.13 | 123 |
| DPL 5822---26 | 591 | EF | 6.66 | 69 | 35.6 | 13.2 | .58 | 1.20 | 126 |
| ATLAS (AXC)-261 | 542 | F | 6.51 | 70 | 38.3 | 13.7 | .54 | 1.12 | 120 |

TIFTON, GA.

| | | | | | | | | | |
|-----------------|------|-----|------|----|------|------|-----|------|-----|
| COKER 201 | 1015 | A | 8.11 | 56 | 39.5 | 13.3 | .57 | 1.18 | 120 |
| MO 61-470F | 942 | AB | 8.26 | 55 | 36.2 | 14.9 | .58 | 1.20 | 115 |
| MO 61-470H | 908 | ABC | 7.96 | 57 | 35.2 | 15.5 | .56 | 1.17 | 117 |
| TH 149-20 | 905 | ABC | 8.67 | 53 | 35.3 | 15.4 | .57 | 1.18 | 132 |
| PD 3-3967 | 896 | ABC | 7.48 | 61 | 39.5 | 13.4 | .57 | 1.18 | 135 |
| COKER 4104 | 793 | BCD | 8.20 | 56 | 36.1 | 14.1 | .56 | 1.20 | 128 |
| PD 4-3868 | 770 | CD | 7.08 | 65 | 37.0 | 13.3 | .55 | 1.15 | 125 |
| ATLAS (AXC)-261 | 729 | D | 7.22 | 63 | 36.3 | 14.7 | .56 | 1.13 | 136 |
| ATLAS (CXE)-352 | 724 | D | 6.88 | 67 | 37.5 | 14.3 | .59 | 1.16 | 130 |
| STONEVILLE 213 | 722 | D | 7.25 | 63 | 37.8 | 13.0 | .57 | 1.16 | 110 |
| DELTAPINE S.L. | 720 | D | 6.95 | 65 | 37.1 | 12.4 | .57 | 1.19 | 114 |
| GA HT | 705 | D | 7.65 | 60 | 34.3 | 14.4 | .57 | 1.15 | 145 |
| COKER 413 | 698 | D | 6.48 | 70 | 37.5 | 13.0 | .55 | 1.20 | 133 |
| 62-0-10 | 681 | D | 8.14 | 56 | 36.6 | 14.5 | .56 | 1.21 | 123 |
| ST. 508-9117 | 681 | D | 7.65 | 60 | 36.8 | 13.6 | .57 | 1.22 | 128 |
| DPL 5822---26 | 656 | D | 6.47 | 70 | 36.9 | 12.7 | .58 | 1.21 | 124 |

EXPERIMENT, GA.

| | | | | | | | | | |
|-----------------|------|------|------|----|------|------|-----|------|-----|
| COKER 4104 | 1157 | A | 7.42 | 62 | 35.4 | 12.2 | .55 | 1.24 | 129 |
| MO 61-470F | 1137 | AB | 7.46 | 61 | 33.8 | 13.6 | .56 | 1.15 | 116 |
| MO 61-470H | 1136 | AB | 7.39 | 62 | 34.2 | 13.9 | .57 | 1.17 | 117 |
| TH 149-20 | 1066 | ABC | 8.32 | 55 | 34.9 | 13.9 | .60 | 1.19 | 134 |
| COKER 201 | 1032 | ABCD | 7.04 | 65 | 37.2 | 11.4 | .57 | 1.16 | 125 |
| STONEVILLE 213 | 1028 | ABCD | 6.52 | 70 | 34.9 | 11.8 | .55 | 1.15 | 127 |
| GA HT | 1014 | BCD | 7.11 | 64 | 34.2 | 12.5 | .54 | 1.10 | 141 |
| DELTAPINE S.L. | 1006 | BCD | 6.05 | 75 | 34.7 | 10.8 | .58 | 1.21 | 131 |
| PD 3-3967 | 1000 | BCD | 7.09 | 64 | 37.1 | 12.5 | .58 | 1.16 | 136 |
| ATLAS (CXE)-352 | 999 | BCD | 6.94 | 66 | 35.6 | 13.3 | .56 | 1.13 | 126 |
| PD 4-3868 | 990 | CD | 6.40 | 71 | 35.4 | 12.1 | .56 | 1.09 | 129 |
| COKER 413 | 971 | CD | 6.26 | 73 | 35.8 | 11.2 | .56 | 1.16 | 137 |
| ATLAS (AXC)-261 | 969 | CD | 6.80 | 67 | 35.0 | 13.0 | .56 | 1.15 | 123 |
| 62-0-10 | 918 | DE | 7.19 | 63 | 35.6 | 13.2 | .57 | 1.18 | 127 |
| ST. 508-9117 | 836 | E | 6.51 | 70 | 33.9 | 11.8 | .60 | 1.26 | 141 |
| DPL 5822---26 | 620 | F | 6.11 | 75 | 33.9 | 11.3 | .55 | 1.18 | 128 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | MICRO-NAIRE | DRAWING SLIVER UHM MEAN | STELOMETER TO T1 E1 | AREALO-METER A D | COLORI-METER RD B |
|-------------------------|-------------|-------------------------|---------------------|------------------|-------------------|
| <u>BELLA MINA, ALA.</u> | | | | | |
| PD 4-3868 | 4.88 | 1.13 .96 | 36.9 19.7 8.2 | 413 30 | 75 8.3 |
| COKER 201 | 5.13 | 1.15 .97 | 38.5 20.6 12.5 | 399 27 | 75 8.5 |
| STONEVILLE 213 | 4.88 | 1.17 1.00 | 38.2 20.1 7.9 | 410 25 | 75 8.0 |
| TH 149-20 | 5.13 | 1.15 .98 | 37.4 19.7 7.3 | 411 25 | 74 7.8 |
| ST. 508-9117 | 4.20 | 1.16 .98 | 34.6 19.2 9.7 | 429 27 | 75 8.3 |
| DELTAPINE S.L. | 4.90 | 1.13 .94 | 36.6 19.5 8.9 | 410 29 | 73 8.5 |
| COKER 413 | 4.71 | 1.15 .97 | 38.7 20.4 6.9 | 415 28 | 75 7.8 |
| COKER 4104 | 4.73 | 1.17 .98 | 36.1 19.9 7.5 | 420 33 | 75 7.8 |
| PD 3-3967 | 4.90 | 1.09 .93 | 42.5 21.4 6.7 | 414 32 | 73 8.5 |
| MO 61-470F | 5.13 | 1.11 .94 | 36.2 19.3 9.6 | 409 34 | 72 8.5 |
| GA HT | 4.89 | 1.15 .97 | 41.8 22.6 7.0 | 412 25 | 74 7.8 |
| MO 61-470H | 4.58 | 1.16 .97 | 35.3 19.3 9.5 | 435 33 | 75 8.3 |
| 62-0-10 | 5.17 | 1.13 .95 | 39.6 20.1 6.5 | 410 26 | 73 9.5 |
| ATLAS (CXE)-352 | 4.94 | 1.15 .96 | 38.4 20.3 7.5 | 410 28 | 74 9.0 |
| DPL 5822---26 | 4.97 | 1.23 1.05 | 36.2 20.0 8.2 | 412 28 | 74 8.5 |
| ATLAS (AXC)-261 | 5.14 | 1.12 .94 | 40.2 20.3 6.5 | 411 29 | 74 8.8 |
| <u>TIFTON, GA.</u> | | | | | |
| COKER 201 | 4.64 | 1.24 1.02 | 33.7 17.9 8.0 | 429 37 | 78 8.8 |
| MO 61-470F | 4.76 | 1.21 1.02 | 31.4 17.9 10.1 | 427 32 | 77 9.3 |
| MO 61-470H | 4.57 | 1.21 1.05 | 31.3 18.1 10.7 | 441 38 | 76 9.5 |
| TH 149-20 | 4.53 | 1.23 1.05 | 34.8 19.6 7.6 | 435 29 | 79 7.8 |
| PD 3-3967 | 4.55 | 1.17 .96 | 39.8 20.5 7.2 | 429 30 | 77 8.8 |
| COKER 4104 | 4.32 | 1.27 1.05 | 33.7 18.8 8.2 | 465 36 | 78 9.0 |
| PD 4-3868 | 4.88 | 1.18 1.01 | 36.7 20.0 7.9 | 425 28 | 77 9.0 |
| ATLAS (AXC)-261 | 5.08 | 1.18 1.01 | 39.8 21.4 7.2 | 404 21 | 78 8.8 |
| ATLAS (CXE)-352 | 4.81 | 1.18 1.00 | 37.4 19.9 7.5 | 420 26 | 77 8.5 |
| STONEVILLE 213 | 4.93 | 1.18 .98 | 31.4 17.3 8.7 | 410 28 | 77 9.3 |
| DELTAPINE S.L. | 4.86 | 1.22 1.03 | 31.7 18.6 10.9 | 427 32 | 78 8.3 |
| GA HT | 4.75 | 1.21 1.04 | 40.7 22.6 7.6 | 432 29 | 78 9.0 |
| COKER 413 | 4.43 | 1.24 1.02 | 36.6 19.2 7.2 | 460 40 | 78 8.5 |
| 62-0-10 | 4.60 | 1.23 1.02 | 35.7 18.0 6.9 | 429 40 | 78 9.5 |
| ST. 508-9117 | 4.18 | 1.25 1.02 | 32.5 18.8 9.0 | 484 45 | 79 8.3 |
| DPL 5822---26 | 4.78 | 1.23 1.03 | 33.3 18.5 8.1 | 422 24 | 76 9.3 |
| <u>EXPERIMENT, GA.</u> | | | | | |
| COKER 4104 | 3.78 | 1.25 1.03 | 31.3 17.9 9.1 | 490 53 | 77 10.0 |
| MO 61-470F | 4.02 | 1.16 .98 | 30.5 17.8 11.0 | 470 58 | 75 10.0 |
| MO 61-470H | 4.21 | 1.17 .98 | 30.1 17.8 12.1 | 482 59 | 75 10.0 |
| TH 149-20 | 4.33 | 1.21 1.04 | 35.5 19.6 8.3 | 463 51 | 79 9.5 |
| COKER 201 | 4.21 | 1.18 .99 | 31.9 17.6 8.9 | 474 56 | 76 9.5 |
| STONEVILLE 213 | 4.33 | 1.19 1.00 | 34.9 19.2 9.0 | 457 53 | 77 9.8 |
| GA HT | 4.57 | 1.16 .98 | 40.0 21.5 8.1 | 444 47 | 76 9.8 |
| DELTAPINE S.L. | 3.84 | 1.22 1.01 | 31.4 18.8 11.9 | 493 54 | 77 8.8 |
| PD 3-3967 | 4.04 | 1.15 .97 | 37.5 20.3 7.6 | 473 54 | 78 9.0 |
| ATLAS (CXE)-352 | 4.62 | 1.16 .97 | 36.8 20.5 8.1 | 439 37 | 76 9.5 |
| PD 4-3868 | 4.67 | 1.09 .94 | 35.1 20.2 9.4 | 452 47 | 76 9.5 |
| COKER 413 | 4.09 | 1.21 1.02 | 34.4 18.9 7.8 | 486 53 | 76 10.8 |
| ATLAS (AXC)-261 | 4.20 | 1.17 .97 | 34.0 18.8 8.1 | 458 42 | 78 9.5 |
| 62-0-10 | 4.30 | 1.20 .99 | 37.5 18.0 7.0 | 454 42 | 76 9.5 |
| ST. 508-9117 | 3.46 | 1.25 1.03 | 32.7 19.4 10.4 | 533 70 | 75 10.5 |
| DPL 5822---26 | 3.99 | 1.22 1.00 | 31.5 18.1 9.3 | 487 62 | 76 10.0 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | • BOLL SIZE • | | | | | | | | |
|---------|---------------|--------|-------|--------|---------|--------|----------|--------|---|
| | • YIELD | • GRAM | • NO. | • LINT | • SEED | • SPAN | • LENGTH | • | • |
| | • LB. LINT | • PER | • PER | • PCT. | • INDEX | • 50 | • 2.5 | • 22'S | • |
| | • PER ACRE | • BOLL | • LB. | • | • | • PCT. | • PCT. | • | • |

FLORENCE, S.C.

| | | | | | | | | |
|-----------------|----------|------|----|------|------|-----|------|-----|
| PD 4-3868 | 832 A | 6.08 | 75 | 37.0 | 12.5 | .49 | 1.04 | 122 |
| TH 149-20 | 808 AB | 7.80 | 58 | 34.5 | 14.6 | .53 | 1.15 | 129 |
| COKER 201 | 806 AB | 6.26 | 73 | 38.1 | 11.5 | .52 | 1.12 | 112 |
| 62-0-10 | 797 ABC | 7.44 | 61 | 37.0 | 13.4 | .52 | 1.13 | 113 |
| ATLAS (AXC)-261 | 793 ABC | 5.99 | 76 | 36.4 | 13.3 | .51 | 1.08 | 128 |
| PD 3-3967 | 775 ABC | 6.58 | 69 | 38.8 | 12.9 | .53 | 1.11 | 132 |
| MO 61-470F | 757 ABC | 6.76 | 68 | 34.9 | 15.3 | .51 | 1.12 | 112 |
| DELTAPINE S.L. | 751 ABC | 5.58 | 82 | 37.5 | 11.5 | .51 | 1.14 | 117 |
| STONEVILLE 213 | 742 ABC | 6.13 | 75 | 36.2 | 11.7 | .51 | 1.08 | 107 |
| COKER 4104 | 724 ABCD | 6.80 | 67 | 36.9 | 12.7 | .53 | 1.17 | 122 |
| ATLAS (CXE)-352 | 718 ABCD | 6.44 | 70 | 35.1 | 13.8 | .55 | 1.11 | 127 |
| COKER 413 | 700 ABCD | 5.53 | 82 | 36.3 | 11.0 | .52 | 1.15 | 130 |
| GA HT | 689 BCD | 6.67 | 69 | 34.4 | 13.1 | .55 | 1.12 | 136 |
| MO 61-470H | 665 CD | 6.85 | 67 | 35.4 | 15.0 | .53 | 1.11 | 112 |
| ST. 508-9117 | 606 DE | 6.08 | 75 | 35.0 | 13.0 | .51 | 1.19 | 126 |
| DPL 5822---26 | 498 E | 6.04 | 76 | 35.1 | 11.6 | .54 | 1.13 | 122 |

ROCKY MOUNT, N.C.

| | | | | | | | | |
|-----------------|-----------|------|----|------|------|-----|------|-----|
| COKER 201 | 853 A | 6.90 | 66 | 37.8 | 12.4 | .55 | 1.17 | 122 |
| PD 4-3868 | 833 A | 6.67 | 68 | 37.8 | 12.3 | .54 | 1.08 | 128 |
| TH 149-20 | 799 AB | 8.02 | 57 | 35.9 | 14.9 | .57 | 1.15 | 137 |
| MO 61-470F | 790 ABC | 7.28 | 62 | 36.6 | 14.4 | .55 | 1.15 | 119 |
| 62-0-10 | 784 ABC | 7.51 | 61 | 38.1 | 13.8 | .54 | 1.17 | 123 |
| COKER 413 | 776 ABCD | 6.41 | 71 | 37.2 | 11.8 | .56 | 1.18 | 134 |
| MO 61-470H | 752 ABCDE | 7.53 | 61 | 35.8 | 14.9 | .58 | 1.17 | 122 |
| STONEVILLE 213 | 726 BCDE | 6.24 | 73 | 37.6 | 11.6 | .52 | 1.11 | 113 |
| GA HT | 718 BCDE | 6.93 | 66 | 36.2 | 12.8 | .55 | 1.12 | 136 |
| PD 3-3967 | 696 BCDE | 6.68 | 68 | 38.6 | 12.8 | .57 | 1.17 | 140 |
| COKER 4104 | 687 CDE | 7.34 | 62 | 36.8 | 12.7 | .57 | 1.22 | 131 |
| ATLAS (AXC)-261 | 686 CDE | 6.51 | 70 | 36.9 | 13.3 | .54 | 1.12 | 139 |
| ATLAS (CXE)-352 | 678 DE | 6.49 | 70 | 36.9 | 13.7 | .56 | 1.14 | 132 |
| DELTAPINE S.L. | 667 E | 6.28 | 72 | 37.2 | 11.1 | .53 | 1.16 | 125 |
| ST. 508-9117 | 544 F | 6.76 | 67 | 34.7 | 12.6 | .54 | 1.19 | 134 |
| DPL 5822---26 | 433 G | 6.28 | 73 | 36.3 | 11.3 | .56 | 1.16 | 130 |

1966 HIGH QUALITY REGIONAL COTTON VARIETY TEST

| VARIETY | • | • | • | • | • | • | • | • | • | • |
|---------|--------|---------|------------|---------|---------|-------|---|---|----|---|
| | MICRO- | DRAWING | STELOMETER | AREALO- | COLORI- | | | | | |
| | NAIRE | SLIVER | TO | T1 | E1 | METER | A | D | RD | B |

FLORENCE, S.C.

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| PD 4-3868 | 5.23 | 1.09 | .93 | 36.8 | 20.5 | 9.1 | 451 | 37 | 77 | 8.3 |
| TH 149-20 | 4.33 | 1.18 | .91 | 35.8 | 19.4 | 8.1 | 461 | 40 | 79 | 7.8 |
| COKER 201 | 4.54 | 1.15 | .97 | 31.8 | 16.9 | 9.5 | 457 | 47 | 78 | 8.3 |
| 62-0-10 | 4.80 | 1.14 | .87 | 36.5 | 17.6 | 6.7 | 430 | 35 | 78 | 8.5 |
| ATLAS (AXC)-261 | 4.72 | 1.12 | .96 | 39.3 | 20.9 | 8.0 | 432 | 37 | 79 | 8.5 |
| PD 3-3967 | 4.54 | 1.14 | .95 | 39.0 | 20.4 | 7.2 | 434 | 40 | 78 | 8.0 |
| MO 61-470F | 4.59 | 1.16 | .95 | 32.2 | 18.0 | 11.5 | 443 | 47 | 75 | 9.0 |
| DELTAPINE S.L. | 4.63 | 1.19 | .96 | 32.3 | 18.5 | 11.2 | 448 | 39 | 78 | 8.0 |
| STONEVILLE 213 | 4.60 | 1.13 | .97 | 30.5 | 16.3 | 10.4 | 434 | 38 | 78 | 7.5 |
| COKER 4104 | 4.27 | 1.21 | 1.00 | 33.2 | 17.8 | 9.2 | 462 | 44 | 78 | 8.0 |
| ATLAS (CXE)-352 | 4.61 | 1.14 | .98 | 37.2 | 19.4 | 8.9 | 437 | 41 | 78 | 8.5 |
| COKER 413 | 4.26 | 1.21 | 1.03 | 35.0 | 19.3 | 8.7 | 476 | 42 | 78 | 8.5 |
| GA HT | 4.43 | 1.15 | .96 | 39.4 | 20.9 | 8.6 | 434 | 31 | 79 | 7.3 |
| MO 61-470H | 4.63 | 1.14 | .96 | 32.4 | 18.6 | 11.5 | 447 | 48 | 76 | 8.3 |
| ST. 508-9117 | 4.03 | 1.21 | .93 | 32.5 | 18.8 | 9.8 | 489 | 52 | 79 | 9.0 |
| DPL 5822---26 | 4.55 | 1.17 | .98 | 33.7 | 19.0 | 9.2 | 429 | 40 | 78 | 8.0 |

ROCKY MOUNT, N.C.

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|-----|----|----|-----|
| COKER 201 | 4.23 | 1.19 | .96 | 34.1 | 16.6 | 7.7 | 454 | 44 | 79 | 8.5 |
| PD 4-3868 | 4.57 | 1.10 | .93 | 37.6 | 19.7 | 8.5 | 440 | 47 | 80 | 8.5 |
| TH 149-20 | 4.27 | 1.22 | 1.02 | 36.1 | 19.2 | 8.1 | 455 | 42 | 80 | 8.5 |
| MO 61-470F | 4.49 | 1.17 | .96 | 32.7 | 18.3 | 10.7 | 440 | 36 | 77 | 9.0 |
| 62-0-10 | 4.63 | 1.19 | .93 | 37.0 | 17.0 | 7.4 | 433 | 46 | 78 | 9.3 |
| COKER 413 | 4.08 | 1.11 | .98 | 37.1 | 18.5 | 7.4 | 476 | 49 | 79 | 8.8 |
| MO 61-470H | 4.58 | 1.19 | .99 | 33.1 | 18.8 | 10.9 | 439 | 43 | 76 | 8.8 |
| STONEVILLE 213 | 4.22 | 1.14 | .92 | 33.2 | 17.7 | 8.9 | 458 | 42 | 79 | 8.0 |
| GA HT | 4.64 | 1.16 | .97 | 40.4 | 20.8 | 7.8 | 436 | 33 | 80 | 8.5 |
| PD 3-3967 | 4.23 | 1.17 | .97 | 38.5 | 20.1 | 7.1 | 461 | 46 | 79 | 8.0 |
| COKER 4104 | 3.92 | 1.22 | .98 | 35.0 | 18.8 | 9.1 | 491 | 46 | 79 | 9.0 |
| ATLAS (AXC)-261 | 4.54 | 1.15 | .95 | 40.3 | 20.8 | 7.2 | 437 | 34 | 80 | 8.5 |
| ATLAS (CXE)-352 | 4.54 | 1.13 | .93 | 39.6 | 20.0 | 7.0 | 440 | 42 | 79 | 8.8 |
| DELTAPINE S.L. | 4.12 | 1.17 | .92 | 33.9 | 18.7 | 10.5 | 475 | 45 | 80 | 8.3 |
| ST. 508-9117 | 3.59 | 1.20 | .94 | 33.5 | 17.9 | 9.1 | 518 | 53 | 80 | 8.5 |
| DPL 5822---26 | 3.94 | 1.16 | .96 | 35.2 | 18.4 | 8.6 | 490 | 50 | 78 | 8.8 |

1966 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • • YIELD • LB. LINT • PER ACRE | • BOLL SIZE • GRAM • PER BOLL | • NO. • PER LB. | • LINT • PCT. | • SEED • INDEX | • SPAN LENGTH • 50 2.5 • PCT. PCT. | • • 22'S |
|----------|--|-------------------------------------|--------------------|------------------|-------------------|--|-------------|
| PIMA S-4 | 755 A | 3.57 | 128 | 36.1 | 11.8 | .64 1.38 | 164 |
| PIMA S-2 | 722 A | 3.54 | 129 | 36.1 | 11.9 | .62 1.34 | 163 |
| P 17 | 710 A | 3.02 | 153 | 36.1 | 11.8 | .65 1.46 | 170 |
| PIMA S-3 | 631 B | 3.42 | 135 | 33.8 | 12.0 | .64 1.40 | 166 |
| PIMA S-1 | 603 B | 3.65 | 125 | 34.0 | 12.3 | .64 1.37 | 168 |

SUBREGIONAL SUMMARY COMBINING PHOENIX, MARANA, COOLIDGE, AND TEMPE

| | | | | | | | |
|----------|--------|------|-----|------|------|----------|-----|
| PIMA S-4 | 829 A | 3.50 | 131 | 35.1 | 12.1 | .64 1.38 | 167 |
| PIMA S-2 | 759 AB | 3.39 | 135 | 35.2 | 12.1 | .63 1.34 | 166 |
| P 17 | 747 B | 2.78 | 166 | 35.3 | 11.6 | .66 1.45 | 171 |
| PIMA S-1 | 659 C | 3.54 | 130 | 32.5 | 12.7 | .65 1.35 | 170 |
| PIMA S-3 | 657 C | 3.19 | 144 | 32.5 | 12.0 | .66 1.41 | 169 |

SUBREGIONAL SUMMARY COMBINING SAFFORD (CURTIS AND KEMPTON FARMS),
LAS CRUCES, LA MESA, FABENS, AND PECOS

| | | | | | | | |
|----------|-------|------|-----|------|------|----------|-----|
| PIMA S-4 | 705 A | 3.62 | 126 | 36.7 | 11.6 | .64 1.38 | 162 |
| PIMA S-2 | 698 A | 3.65 | 125 | 36.7 | 11.8 | .62 1.34 | 161 |
| P 17 | 686 A | 3.18 | 144 | 36.7 | 12.0 | .65 1.46 | 169 |
| PIMA S-3 | 614 B | 3.57 | 129 | 34.8 | 12.0 | .63 1.39 | 163 |
| PIMA S-1 | 565 B | 3.72 | 122 | 35.0 | 12.1 | .64 1.38 | 166 |

LOCATIONS COMBINING VARIETIES

| LOCATION | • • YIELD • LB. LINT • PER ACRE | • BOLL SIZE • GRAM • PER BOLL | • NO. • PER LB. | • LINT • PCT. | • SEED • INDEX | • SPAN LENGTH • 50 2.5 • PCT. PCT. | • • 22'S |
|--------------------|--|-------------------------------------|--------------------|------------------|-------------------|--|-------------|
| PHOENIX, ARIZ. | 443 | 3.04 | 151 | 31.5 | 12.6 | .68 1.42 | 177 |
| MARANA, ARIZ. | 911 | 3.81 | 120 | 35.0 | 12.4 | .67 1.42 | 166 |
| S. (CURTIS), ARIZ. | 1010 | 3.64 | 125 | 37.8 | 11.4 | .63 1.37 | 160 |
| LAS C., N. MEX. | 729 | 3.57 | 127 | 35.7 | 12.1 | .64 1.40 | 166 |
| COOLIDGE, ARIZ. | 744 | 3.15 | 146 | 34.9 | 11.7 | .65 1.39 | 174 |
| LA MESA, N. MEX. | 456 | 3.55 | 128 | 34.3 | 12.0 | .63 1.39 | 166 |
| FABENS, TEX. | 710 | 3.59 | 127 | 35.5 | 12.5 | .64 1.39 | 169 |
| PECOS, TEX. | 214 | 3.05 | 151 | 35.1 | 11.2 | .62 1.40 | 163 |
| TEMPE, ARIZ. | 821 | 3.12 | 147 | 35.1 | 11.6 | .60 1.31 | 157 |
| S. (KEMP.), ARIZ. | 804 | 3.87 | 118 | 37.4 | 12.1 | .66 1.39 | 164 |

1966 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

| VARIETY | • | • | • | • | • | • | • | • | • | • |
|----------|------|------|------|------|------|-----|-----|-----|----|------|
| | • | • | • | • | • | • | • | • | • | • |
| | • | • | • | • | • | • | • | • | • | • |
| | • | • | • | • | • | • | • | • | • | • |
| | | | | | | | | | | |
| PIMA S-4 | 3.58 | 1.35 | 1.04 | 43.3 | 26.5 | 9.8 | 524 | 47 | 68 | 10.5 |
| PIMA S-2 | 3.62 | 1.31 | 1.03 | 42.8 | 26.3 | 9.4 | 521 | 47. | 69 | 10.1 |
| P 17 | 3.59 | 1.39 | 1.06 | 45.5 | 26.8 | 8.3 | 513 | 46 | 71 | 9.1 |
| PIMA S-3 | 3.41 | 1.35 | 1.05 | 42.1 | 25.6 | 9.7 | 542 | 52 | 65 | 10.9 |
| PIMA S-1 | 3.36 | 1.33 | 1.04 | 41.9 | 25.8 | 9.8 | 549 | 52 | 68 | 10.6 |

SUBREGIONAL SUMMARY COMBINING PHOENIX, MARANA, COOLIDGE, AND TEMPE

| | | | | | | | | | | |
|----------|------|------|------|------|------|-----|-----|----|----|------|
| PIMA S-4 | 3.81 | 1.36 | 1.07 | 43.9 | 27.1 | 9.4 | 497 | 40 | 68 | 10.1 |
| PIMA S-2 | 3.78 | 1.33 | 1.04 | 43.6 | 26.9 | 8.7 | 504 | 38 | 69 | 9.8 |
| P 17 | 3.70 | 1.39 | 1.07 | 46.4 | 27.2 | 7.8 | 497 | 38 | 69 | 9.1 |
| PIMA S-1 | 3.64 | 1.35 | 1.06 | 42.4 | 26.5 | 9.4 | 520 | 40 | 67 | 10.4 |
| PIMA S-3 | 3.52 | 1.36 | 1.05 | 43.2 | 26.5 | 9.2 | 529 | 42 | 64 | 10.7 |

SUBREGIONAL SUMMARY COMBINING SAFFORD (CURTIS AND KEMPTON FARMS),
LAS CRUCES, LA MESA, FABENS, AND PECOS

| | | | | | | | | | | |
|----------|------|------|------|------|------|------|-----|----|----|------|
| PIMA S-4 | 3.42 | 1.34 | 1.02 | 42.8 | 26.2 | 10.2 | 542 | 51 | 69 | 10.7 |
| PIMA S-2 | 3.51 | 1.30 | 1.03 | 42.2 | 26.0 | 9.9 | 532 | 53 | 69 | 10.3 |
| P 17 | 3.51 | 1.39 | 1.05 | 45.0 | 26.5 | 8.5 | 523 | 51 | 72 | 9.0 |
| PIMA S-3 | 3.34 | 1.35 | 1.04 | 41.4 | 25.0 | 10.0 | 552 | 58 | 66 | 11.1 |
| PIMA S-1 | 3.18 | 1.31 | 1.02 | 41.5 | 25.4 | 10.1 | 568 | 60 | 68 | 10.8 |

LOCATIONS COMBINING VARIETIES

| LOCATION | • | • | DRAWING | • | STELOMETER | | | • | AREALO- | • | COLORI- |
|--------------------|--------|--------|---------|------|------------|------|-----|-------|---------|-------|---------|
| | MICRO- | SLIVER | | | | | | METER | | METER | |
| | NAIRE | UHM | MEAN | TO | T1 | E1 | A | D | RD | B | |
| | • | • | • | • | • | • | • | • | • | • | |
| PHOENIX, ARIZ. | 3.74 | 1.38 | 1.08 | 45.0 | 28.3 | 8.5 | 513 | 39 | 67 | 9.9 | |
| MARANA, ARIZ. | 3.84 | 1.39 | 1.11 | 42.4 | 26.1 | 10.0 | 501 | 40 | 67 | 10.2 | |
| S. (CURTIS), ARIZ. | 3.63 | 1.35 | 1.05 | 41.6 | 25.3 | 10.2 | 508 | 45 | 67 | 10.3 | |
| LAS C., N. MEX. | 3.25 | 1.29 | .96 | 42.2 | 25.9 | 10.0 | 573 | 64 | 69 | 10.5 | |
| COOLIDGE, ARIZ. | 3.62 | 1.35 | 1.05 | 44.1 | 27.3 | 8.9 | 511 | 40 | 69 | 9.9 | |
| LA MESA, N. MEX. | 3.39 | 1.36 | 1.06 | 42.6 | 26.2 | 10.0 | 546 | 61 | 69 | 10.3 | |
| FABENS, TEX. | 3.50 | 1.37 | 1.06 | 43.2 | 26.0 | 9.6 | 529 | 50 | 70 | 10.1 | |
| PECOS, TEX. | 3.14 | 1.30 | .97 | 43.5 | 25.7 | 9.2 | 575 | 67 | 68 | 11.0 | |
| TEMPE, ARIZ. | 3.56 | 1.30 | .99 | 44.1 | 25.7 | 8.1 | 511 | 40 | 66 | 10.1 | |
| S. (KEMP.), ARIZ. | 3.45 | 1.38 | 1.09 | 42.4 | 25.6 | 9.3 | 528 | 41 | 68 | 10.3 | |

1966 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL

| | | |
|----------|------|---|
| PIMA S-1 | 3.65 | A |
| PIMA S-4 | 3.57 | A |
| PIMA S-2 | 3.54 | A |
| PIMA S-3 | 3.42 | B |
| P 17 | 3.02 | C |

BOLL SIZE, NO. PER LB.

| | | |
|----------|-----|---|
| P 17 | 153 | A |
| PIMA S-3 | 135 | B |
| PIMA S-2 | 129 | C |
| PIMA S-4 | 128 | C |
| PIMA S-1 | 125 | C |

LINT PCT.

| | | |
|----------|------|---|
| PIMA S-2 | 36.1 | A |
| PIMA S-4 | 36.1 | A |
| P 17 | 36.1 | A |
| PIMA S-1 | 34.0 | B |
| PIMA S-3 | 33.8 | B |

SEED INDEX

| | | |
|----------|------|----|
| PIMA S-1 | 12.3 | A |
| PIMA S-3 | 12.0 | AB |
| PIMA S-2 | 11.9 | AB |
| PIMA S-4 | 11.8 | B |
| P 17 | 11.8 | B |

SPAN LENGTH, 50 PCT.

| | | |
|----------|-----|----|
| P 17 | .65 | A |
| PIMA S-1 | .64 | AB |
| PIMA S-3 | .64 | AB |
| PIMA S-4 | .64 | AB |
| PIMA S-2 | .62 | B |

SPAN LENGTH, 2.5 PCT.

| | | |
|----------|------|---|
| P 17 | 1.46 | A |
| PIMA S-3 | 1.40 | B |
| PIMA S-4 | 1.38 | C |
| PIMA S-1 | 1.37 | C |
| PIMA S-2 | 1.34 | D |

22'S

| | | |
|----------|-----|----|
| P 17 | 170 | A |
| PIMA S-1 | 168 | AB |
| PIMA S-3 | 166 | BC |
| PIMA S-4 | 164 | C |
| PIMA S-2 | 163 | C |

MICRONAIRE

| | | |
|----------|------|---|
| PIMA S-2 | 3.62 | A |
| P 17 | 3.59 | A |
| PIMA S-4 | 3.58 | A |
| PIMA S-3 | 3.41 | B |
| PIMA S-1 | 3.36 | B |

1966 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

| DRAWING SLIVER, UHM | | | DRAWING SLIVER, MEAN | | | STELOMETER - TO | | |
|---------------------|------|---|----------------------|------|----|-----------------|------|---|
| P 17 | 1.39 | A | P 17 | 1.06 | A | P 17 | 45.5 | A |
| PIMA S-3 | 1.35 | B | PIMA S-3 | 1.05 | AB | PIMA S-4 | 43.3 | B |
| PIMA S-4 | 1.35 | B | PIMA S-1 | 1.04 | AB | PIMA S-2 | 42.8 | B |
| PIMA S-1 | 1.33 | C | PIMA S-4 | 1.04 | AB | PIMA S-3 | 42.1 | C |
| PIMA S-2 | 1.31 | D | PIMA S-2 | 1.03 | B | PIMA S-1 | 41.9 | C |

| STELOMETER - T1 | | |
|-----------------|------|---|
| P 17 | 26.8 | A |
| PIMA S-4 | 26.5 | A |
| PIMA S-2 | 26.3 | A |
| PIMA S-1 | 25.8 | B |
| PIMA S-3 | 25.6 | B |

| STELOMETER - E1 | | |
|-----------------|-----|---|
| PIMA S-1 | 9.8 | A |
| PIMA S-4 | 9.8 | A |
| PIMA S-3 | 9.7 | A |
| PIMA S-2 | 9.4 | B |
| P 17 | 8.3 | C |

| AREALOMETER - A | | |
|-----------------|-----|----|
| PIMA S-1 | 549 | A |
| PIMA S-3 | 542 | A |
| PIMA S-4 | 524 | B |
| PIMA S-2 | 521 | BC |
| P 17 | 513 | C |

| AREALOMETER - D | | |
|-----------------|----|---|
| PIMA S-1 | 52 | A |
| PIMA S-3 | 52 | A |
| PIMA S-2 | 47 | B |
| PIMA S-4 | 47 | B |
| P 17 | 46 | B |

| COLORIMETER - RD | | |
|------------------|----|---|
| P 17 | 71 | A |
| PIMA S-2 | 69 | B |
| PIMA S-1 | 68 | C |
| PIMA S-4 | 68 | C |
| PIMA S-3 | 65 | D |

| COLORIMETER - B | | |
|-----------------|------|----|
| PIMA S-3 | 10.9 | A |
| PIMA S-1 | 10.6 | AB |
| PIMA S-4 | 10.5 | B |
| PIMA S-2 | 10.1 | C |
| P 17 | 9.1 | D |

1966 PIMA REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|--------|----------|--------|---|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN | • LENGTH | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 | • 2.5 | • 22'S | • |
| | | • BOLL | • LB. | • | • | • PCT. | • PCT. | • | • |

PHOENIX, ARIZ.

| | | | | | | | | |
|----------|-------|------|-----|------|------|-----|------|-----|
| PIMA S-4 | 625 A | 3.29 | 139 | 32.4 | 12.5 | .72 | 1.45 | 182 |
| PIMA S-2 | 498 B | 3.25 | 140 | 32.5 | 12.5 | .65 | 1.38 | 176 |
| PIMA S-1 | 382 C | 3.24 | 141 | 30.2 | 13.4 | .68 | 1.38 | 173 |
| P 17 | 377 C | 2.50 | 182 | 32.6 | 12.0 | .67 | 1.44 | 177 |
| PIMA S-3 | 333 C | 2.94 | 155 | 29.6 | 12.8 | .68 | 1.44 | 177 |

TEMPE, (ASU FARM), ARIZ.

| | | | | | | | | |
|----------|-------|------|-----|------|------|-----|------|-----|
| PIMA S-4 | 929 A | 3.37 | 135 | 35.9 | 11.9 | .59 | 1.29 | 156 |
| P 17 | 860 A | 2.59 | 176 | 36.5 | 11.0 | .63 | 1.41 | 155 |
| PIMA S-2 | 859 A | 3.24 | 140 | 36.5 | 11.7 | .55 | 1.26 | 153 |
| PIMA S-1 | 738 B | 3.37 | 135 | 33.6 | 12.0 | .61 | 1.27 | 160 |
| PIMA S-3 | 721 B | 3.03 | 151 | 33.0 | 11.2 | .63 | 1.34 | 164 |

MARANA, ARIZ.

| | | | | | | | | |
|----------|-------|------|-----|------|------|-----|------|-----|
| PIMA S-4 | 968 A | 3.94 | 115 | 36.0 | 12.2 | .63 | 1.40 | 162 |
| P 17 | 934 A | 3.36 | 135 | 35.7 | 12.0 | .69 | 1.51 | 170 |
| PIMA S-2 | 924 A | 3.87 | 118 | 35.9 | 12.4 | .68 | 1.37 | 164 |
| PIMA S-3 | 875 A | 3.71 | 123 | 33.9 | 12.5 | .69 | 1.45 | 167 |
| PIMA S-1 | 853 A | 4.18 | 109 | 33.5 | 13.0 | .65 | 1.39 | 170 |

SAFFORD (CURTIS FARM), ARIZ.

| | | | | | | | | |
|----------|--------|------|-----|------|------|-----|------|-----|
| P 17 | 1076 A | 3.30 | 138 | 39.0 | 11.2 | .64 | 1.44 | 166 |
| PIMA S-2 | 1062 A | 3.64 | 125 | 39.1 | 11.3 | .61 | 1.29 | 158 |
| PIMA S-4 | 1060 A | 3.57 | 128 | 38.9 | 11.0 | .62 | 1.37 | 157 |
| PIMA S-1 | 926 B | 3.97 | 114 | 36.1 | 12.1 | .64 | 1.36 | 163 |
| PIMA S-3 | 924 B | 3.75 | 121 | 36.1 | 11.5 | .65 | 1.38 | 158 |

SAFFORD (KEMPTON FARM), ARIZ.

| | | | | | | | | |
|----------|--------|------|-----|------|------|-----|------|-----|
| PIMA S-4 | 925 A | 3.92 | 116 | 38.3 | 11.8 | .68 | 1.39 | 166 |
| PIMA S-2 | 836 AB | 3.95 | 115 | 38.1 | 12.2 | .66 | 1.33 | 165 |
| P 17 | 816 AB | 3.51 | 129 | 38.4 | 12.0 | .66 | 1.46 | 163 |
| PIMA S-3 | 727 B | 3.95 | 115 | 35.9 | 12.2 | .63 | 1.39 | 161 |
| PIMA S-1 | 717 B | 4.03 | 113 | 36.2 | 12.4 | .69 | 1.41 | 165 |

1966 PIMA REGIONAL COTTON VARIETY TEST

| VARIETY | • • • • | • • • • | DRAWING | | | STELOMETER | | | AREALO- | | COLORI- | |
|---------|------------------|------------------|------------|--|--|--------------|--|--|---------|--|---------|--|
| | | | SLIVER | | | | | | METER | | METER | |
| | | | UHM • MEAN | | | TO • T1 • E1 | | | A • D | | RD • B | |
| | | | • | | | • | | | • | | • | |

PHOENIX, ARIZ.

| | | | | | | | | | | |
|----------|------|------|------|------|------|-----|-----|----|----|------|
| PIMA S-4 | 3.84 | 1.40 | 1.11 | 45.9 | 28.9 | 9.0 | 491 | 38 | 66 | 10.0 |
| PIMA S-2 | 3.78 | 1.36 | 1.08 | 43.9 | 28.0 | 8.5 | 501 | 40 | 70 | 9.3 |
| PIMA S-1 | 3.80 | 1.36 | 1.08 | 43.6 | 27.7 | 9.0 | 524 | 40 | 67 | 10.5 |
| P 17 | 3.69 | 1.41 | 1.10 | 47.1 | 28.6 | 7.9 | 507 | 38 | 69 | 9.3 |
| PIMA S-3 | 3.57 | 1.37 | 1.04 | 44.7 | 28.2 | 8.4 | 545 | 41 | 64 | 10.5 |

TEMPE, (ASU FARM), ARIZ.

| | | | | | | | | | | |
|----------|------|------|------|------|------|-----|-----|----|----|------|
| PIMA S-4 | 3.71 | 1.29 | .99 | 43.3 | 25.9 | 8.5 | 493 | 40 | 68 | 10.3 |
| P 17 | 3.65 | 1.34 | 1.02 | 47.2 | 26.1 | 7.0 | 492 | 36 | 68 | 9.0 |
| PIMA S-2 | 3.61 | 1.27 | .96 | 43.1 | 24.6 | 8.0 | 515 | 39 | 66 | 10.0 |
| PIMA S-1 | 3.54 | 1.30 | .99 | 42.7 | 25.7 | 8.7 | 521 | 43 | 68 | 10.3 |
| PIMA S-3 | 3.31 | 1.33 | 1.02 | 44.1 | 26.4 | 8.3 | 537 | 42 | 63 | 11.0 |

MARANA, ARIZ.

| | | | | | | | | | | |
|----------|------|------|------|------|------|------|-----|----|----|------|
| PIMA S-4 | 3.84 | 1.39 | 1.13 | 42.8 | 26.5 | 10.6 | 507 | 45 | 69 | 10.0 |
| P 17 | 3.91 | 1.44 | 1.13 | 44.5 | 26.2 | 8.8 | 490 | 38 | 69 | 9.0 |
| PIMA S-2 | 4.01 | 1.36 | 1.08 | 43.0 | 26.9 | 9.8 | 497 | 36 | 69 | 10.3 |
| PIMA S-3 | 3.67 | 1.40 | 1.11 | 41.2 | 25.2 | 10.5 | 511 | 44 | 64 | 10.8 |
| PIMA S-1 | 3.78 | 1.39 | 1.11 | 40.7 | 25.9 | 10.5 | 501 | 41 | 67 | 10.8 |

SAFFORD (CURTIS FARM), ARIZ.

| | | | | | | | | | | |
|----------|------|------|------|------|------|------|-----|----|----|------|
| P 17 | 3.79 | 1.40 | 1.06 | 44.2 | 25.9 | 9.0 | 475 | 47 | 72 | 8.5 |
| PIMA S-2 | 3.72 | 1.30 | 1.04 | 41.8 | 25.3 | 10.1 | 509 | 47 | 67 | 10.8 |
| PIMA S-4 | 3.67 | 1.34 | 1.03 | 41.8 | 25.4 | 10.8 | 509 | 45 | 68 | 10.8 |
| PIMA S-1 | 3.52 | 1.34 | 1.05 | 40.2 | 25.3 | 10.7 | 533 | 42 | 66 | 10.8 |
| PIMA S-3 | 3.47 | 1.36 | 1.08 | 40.2 | 24.7 | 10.7 | 517 | 47 | 64 | 10.5 |

SAFFORD (KEMPTON FARM), ARIZ.

| | | | | | | | | | | |
|----------|------|------|------|------|------|-----|-----|----|----|------|
| PIMA S-4 | 3.45 | 1.39 | 1.10 | 42.3 | 25.7 | 9.6 | 541 | 35 | 69 | 10.5 |
| PIMA S-2 | 3.66 | 1.33 | 1.08 | 42.4 | 26.9 | 9.2 | 515 | 35 | 70 | 10.0 |
| P 17 | 3.58 | 1.44 | 1.11 | 44.6 | 25.4 | 8.2 | 506 | 47 | 70 | 9.5 |
| PIMA S-3 | 3.33 | 1.39 | 1.09 | 40.9 | 24.7 | 9.8 | 540 | 46 | 65 | 11.0 |
| PIMA S-1 | 3.26 | 1.36 | 1.08 | 41.6 | 25.5 | 9.5 | 539 | 43 | 68 | 10.5 |

1966 PIMA REGIONAL COTTON VARIETY TEST

| VARIETY | | | | | | | | | |
|---------|------------|-------------|-------|--------|---------|---------------|--------|---|---|
| | • YIELD | • BOLL SIZE | • | • | • | • | • | • | • |
| | • LB. LINT | • GRAM | • NO. | • LINT | • SEED | • SPAN LENGTH | • | • | • |
| | • PER ACRE | • PER | • PER | • PCT. | • INDEX | • 50 2.5 | • 22'S | • | • |

COOLIDGE (WUERTZ FARM), ARIZ.

| | | | | | | | | |
|----------|---------|------|-----|------|------|-----|------|-----|
| P 17 | 815 A | 2.68 | 171 | 36.2 | 11.3 | .67 | 1.46 | 181 |
| PIMA S-4 | 793 AB | 3.40 | 134 | 36.1 | 11.8 | .64 | 1.37 | 170 |
| PIMA S-2 | 753 ABC | 3.20 | 142 | 36.0 | 11.7 | .63 | 1.35 | 171 |
| PIMA S-3 | 699 BC | 3.08 | 148 | 33.4 | 11.6 | .65 | 1.41 | 171 |
| PIMA S-1 | 662 C | 3.38 | 135 | 32.8 | 12.3 | .67 | 1.37 | 175 |

LAS CRUCES (GINTHER FARM), N. MEX.

| | | | | | | | | |
|----------|-------|------|-----|------|------|-----|------|-----|
| P 17 | 847 A | 3.30 | 138 | 35.7 | 12.7 | .69 | 1.47 | 171 |
| PIMA S-2 | 764 B | 3.69 | 123 | 36.5 | 11.8 | .61 | 1.37 | 162 |
| PIMA S-3 | 743 B | 3.72 | 122 | 35.2 | 12.9 | .62 | 1.37 | 164 |
| PIMA S-4 | 729 B | 3.61 | 126 | 36.0 | 11.7 | .62 | 1.38 | 161 |
| PIMA S-1 | 562 C | 3.53 | 129 | 35.1 | 11.4 | .65 | 1.41 | 170 |

LA MESA (RICKMAN FARM), N. MEX.

| | | | | | | | | |
|----------|--------|------|-----|------|------|-----|------|-----|
| PIMA S-4 | 509 A | 3.60 | 126 | 35.3 | 11.7 | .65 | 1.41 | 164 |
| PIMA S-2 | 468 AB | 3.78 | 121 | 34.4 | 12.6 | .63 | 1.34 | 160 |
| PIMA S-3 | 448 B | 3.55 | 128 | 32.9 | 11.9 | .64 | 1.42 | 167 |
| P 17 | 441 B | 3.14 | 145 | 35.3 | 12.0 | .63 | 1.47 | 173 |
| PIMA S-1 | 414 B | 3.72 | 122 | 33.9 | 12.1 | .60 | 1.35 | 166 |

FABENS (MAROS FARM), TEX.

| | | | | | | | | |
|----------|-------|------|-----|------|------|-----|------|-----|
| PIMA S-2 | 791 A | 3.61 | 126 | 36.6 | 11.9 | .63 | 1.34 | 163 |
| P 17 | 763 A | 3.28 | 138 | 35.9 | 13.1 | .63 | 1.46 | 175 |
| PIMA S-4 | 695 B | 3.70 | 123 | 36.0 | 11.7 | .65 | 1.39 | 167 |
| PIMA S-3 | 691 B | 3.65 | 125 | 33.9 | 13.0 | .65 | 1.40 | 170 |
| PIMA S-1 | 608 C | 3.74 | 122 | 35.1 | 13.0 | .65 | 1.36 | 169 |

PECOS, TEX.

| | | | | | | | | |
|----------|-------|------|-----|------|------|-----|------|-----|
| PIMA S-4 | 312 A | 3.31 | 138 | 35.7 | 11.9 | .62 | 1.38 | 158 |
| PIMA S-2 | 267 A | 3.21 | 142 | 35.4 | 11.4 | .61 | 1.38 | 160 |
| P 17 | 174 B | 2.56 | 178 | 36.1 | 11.0 | .63 | 1.47 | 169 |
| PIMA S-1 | 164 B | 3.36 | 136 | 34.0 | 11.4 | .62 | 1.37 | 166 |
| PIMA S-3 | 153 B | 2.82 | 162 | 34.6 | 10.7 | .61 | 1.40 | 161 |

1966 PIMA REGIONAL COTTON VARIETY TEST

| VARIETY | • | • | • | • | • | • | • | • | • | • |
|---------|--------|---------|------------|---------|---------|---|---|----|---|---|
| | • | • | • | • | • | • | • | • | • | • |
| | • | • | • | • | • | • | • | • | • | • |
| | • | • | • | • | • | • | • | • | • | • |
| | MICRO- | DRAWING | STELOMETER | AREALO- | COLORI- | | | | | |
| | NAIRE | SLIVER | TO | T1 | E1 | A | D | RD | B | |
| | | UHM | MEAN | | | | | | | |

COOLIDGE (WUERZ FARM), ARIZ.

| | | | | | | | | | | |
|----------|------|------|------|------|------|-----|-----|----|----|------|
| P 17 | 3.55 | 1.39 | 1.06 | 46.8 | 28.1 | 7.7 | 500 | 42 | 71 | 9.0 |
| PIMA S-4 | 3.86 | 1.35 | 1.04 | 43.9 | 27.2 | 9.4 | 497 | 39 | 71 | 10.0 |
| PIMA S-2 | 3.73 | 1.33 | 1.05 | 44.4 | 28.0 | 8.5 | 505 | 40 | 70 | 9.8 |
| PIMA S-3 | 3.55 | 1.34 | 1.06 | 42.9 | 26.4 | 9.6 | 522 | 42 | 65 | 10.5 |
| PIMA S-1 | 3.42 | 1.34 | 1.05 | 42.7 | 26.7 | 9.3 | 533 | 37 | 69 | 10.0 |

LAS CRUCES (GINTHER FARM), N. MEX.

| | | | | | | | | | | |
|----------|------|------|-----|------|------|------|-----|----|----|------|
| P 17 | 3.38 | 1.32 | .95 | 44.7 | 26.7 | 9.1 | 555 | 61 | 72 | 9.0 |
| PIMA S-2 | 3.35 | 1.28 | .97 | 41.0 | 25.9 | 10.1 | 558 | 59 | 69 | 10.0 |
| PIMA S-3 | 3.26 | 1.30 | .96 | 41.1 | 25.0 | 10.3 | 583 | 62 | 67 | 11.8 |
| PIMA S-4 | 3.23 | 1.29 | .94 | 42.7 | 26.2 | 10.5 | 568 | 67 | 69 | 10.8 |
| PIMA S-1 | 3.03 | 1.28 | .99 | 41.7 | 25.8 | 10.2 | 601 | 70 | 69 | 10.8 |

LA MESA (RICKMAN FARM), N. MEX.

| | | | | | | | | | | |
|----------|------|------|------|------|------|------|-----|----|----|------|
| PIMA S-4 | 3.57 | 1.39 | 1.09 | 43.8 | 27.1 | 10.5 | 530 | 56 | 69 | 11.0 |
| PIMA S-2 | 3.58 | 1.33 | 1.06 | 41.5 | 26.5 | 10.2 | 541 | 60 | 70 | 10.3 |
| PIMA S-3 | 3.24 | 1.37 | 1.06 | 42.2 | 25.9 | 10.4 | 571 | 70 | 67 | 11.0 |
| P 17 | 3.54 | 1.43 | 1.12 | 45.0 | 26.9 | 8.4 | 526 | 50 | 74 | 8.5 |
| PIMA S-1 | 3.02 | 1.29 | 1.00 | 40.5 | 25.0 | 10.8 | 566 | 69 | 68 | 10.5 |

FABENS (MAROS FARM), TEX.

| | | | | | | | | | | |
|----------|------|------|------|------|------|------|-----|----|----|------|
| PIMA S-2 | 3.64 | 1.33 | 1.05 | 43.0 | 25.9 | 10.4 | 513 | 49 | 71 | 10.0 |
| P 17 | 3.59 | 1.40 | 1.08 | 45.9 | 27.1 | 8.3 | 510 | 46 | 72 | 8.8 |
| PIMA S-4 | 3.50 | 1.38 | 1.05 | 43.0 | 26.4 | 10.1 | 530 | 43 | 70 | 10.3 |
| PIMA S-3 | 3.50 | 1.39 | 1.10 | 42.2 | 25.3 | 9.6 | 536 | 56 | 66 | 11.0 |
| PIMA S-1 | 3.27 | 1.34 | 1.05 | 42.2 | 25.5 | 9.6 | 557 | 58 | 69 | 10.5 |

PECOS, TEX.

| | | | | | | | | | | |
|----------|------|------|------|------|------|-----|-----|----|----|------|
| PIMA S-4 | 3.13 | 1.29 | .94 | 43.5 | 26.2 | 9.5 | 576 | 61 | 67 | 11.0 |
| PIMA S-2 | 3.11 | 1.27 | .97 | 43.7 | 25.7 | 9.3 | 556 | 67 | 68 | 11.0 |
| P 17 | 3.22 | 1.35 | 1.01 | 45.5 | 27.0 | 8.4 | 568 | 59 | 72 | 10.0 |
| PIMA S-1 | 2.99 | 1.28 | .97 | 42.7 | 25.5 | 9.6 | 612 | 81 | 67 | 11.5 |
| PIMA S-3 | 3.24 | 1.30 | .97 | 41.9 | 24.5 | 9.3 | 566 | 69 | 66 | 11.3 |

1966 PIMA REGIONAL COTTON VARIETY TEST
Combed Yarn Tests

| Fiber and Yarn Tests | Phoenix, Arizona | | | | |
|----------------------|------------------|--------|--------|--------|--------|
| | : | : | : | : | : |
| | : Pima | : Pima | : Pima | : Pima | : |
| | : S-1 | : S-2 | : S-3 | : S-4 | : P-17 |

FIBER TESTS

Raw Cotton

| | | | | | |
|-----------------------|--------|--------|---------------------|---------|---------|
| Classer's designation | | | | | |
| Grade | A-E-4 | A-E-4 | A-E-5 | A-E-3.5 | A-E-4.5 |
| Staple | 1-7/16 | 1-7/16 | 1-7/16 ⁺ | 1-7/16 | 1-1/2 |
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.41 | 1.44 | 1.44 | 1.42 | 1.49 |
| Mean | 1.21 | 1.23 | 1.22 | 1.24 | 1.25 |
| Micronaire | 3.55 | 3.75 | 3.58 | 3.87 | 3.80 |

Comber Drawing Sliver

| | | | | | |
|----------------------|------|------|------|------|------|
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.40 | 1.38 | 1.41 | 1.40 | 1.44 |
| Mean | 1.17 | 1.13 | 1.16 | 1.12 | 1.19 |
| Stelometer | | | | | |
| Tenacity (grams/tex) | | | | | |
| T ₀ | 42.8 | 43.8 | 43.5 | 45.3 | 46.5 |
| T ₁ | 28.0 | 27.9 | 27.8 | 28.3 | 28.3 |
| E ₁ | 9.1 | 9.4 | 9.2 | 9.1 | 8.0 |
| Arealometer | | | | | |
| A | 505 | 474 | 478 | 469 | 473 |
| D | 52 | 37 | 53 | 41 | 48 |

SPINNING TESTS

| | | | | | |
|-----------------------|------|------|------|------|------|
| Skein strength | | | | | |
| 50's combed | 78 | 75 | 76 | 76 | 78 |
| 80's combed | 43 | 41 | 42 | 41 | 42 |
| Yarn appearance index | | | | | |
| Combed yarns | 120 | 120 | 115 | 125 | 115 |
| Neps | | | | | |
| Carded 4½ lbs/hr | 11 | 8 | 10 | 7 | 7 |
| Waste (percent) | | | | | |
| Picker and card | 7.3 | 6.8 | 8.7 | 7.5 | 8.0 |
| Comber | 16.2 | 16.0 | 17.5 | 15.9 | 16.4 |

1966 PIMA REGIONAL COTTON VARIETY TEST
Combed Yarn Tests

| Fiber and Yarn Tests | Safford, Arizona | | | | |
|----------------------|------------------|------|------|------|------|
| | : | : | : | : | : |
| | Pima | Pima | Pima | Pima | |
| | S-1 | S-2 | S-3 | S-4 | P-17 |

FIBER TESTS

Raw Cotton

| | | | | | |
|-----------------------|--------|---------|--------|---------|-------|
| Classer's designation | | | | | |
| Grade | A-E-4 | A-E-3.5 | A-E-4 | A-E-3.5 | A-E-4 |
| Staple | 1-7/16 | 1-3/8 | 1-7/16 | 1-7/16 | 1-1/2 |
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.35 | 1.28 | 1.39 | 1.36 | 1.43 |
| Mean | 1.16 | 1.11 | 1.16 | 1.14 | 1.23 |
| Micronaire | 3.40 | 3.40 | 3.38 | 3.48 | 3.70 |

Comber Drawing Sliver

| | | | | | |
|----------------------|------|------|------|------|------|
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.35 | 1.30 | 1.35 | 1.34 | 1.41 |
| Mean | 1.11 | 1.07 | 1.08 | 1.04 | 1.13 |
| Stelometer | | | | | |
| Tenacity (grams/tex) | | | | | |
| T ₀ | 40.0 | 40.3 | 39.0 | 39.3 | 41.3 |
| T ₁ | 25.2 | 25.9 | 25.0 | 25.7 | 26.5 |
| E ₁ | 10.1 | 9.1 | 10.0 | 10.5 | 8.5 |
| Arealometer | | | | | |
| A | 497 | 471 | 487 | 491 | 455 |
| D | 41 | 54 | 43 | 52 | 43 |

SPINNING TESTS

| | | | | | |
|-----------------------|------|------|------|------|------|
| Skein strength | | | | | |
| 50's combed | 71 | 68 | 69 | 69 | 70 |
| 80's combed | 39 | 38 | 38 | 37 | 39 |
| Yarn appearance index | | | | | |
| Combed yarns | 115 | 120 | 115 | 115 | 115 |
| Neps | | | | | |
| Carded 4½ lbs/hr | 13 | 5 | 14 | 8 | 12 |
| Waste (percent) | | | | | |
| Picker and card | 8.0 | 6.8 | 8.3 | 7.0 | 8.1 |
| Comber | 19.2 | 19.1 | 19.3 | 18.8 | 17.0 |

1966 PIMA REGIONAL COTTON VARIETY TEST
Combed Yarn Tests

| Fiber and Yarn Tests | La Mesa, New Mexico | | | | |
|----------------------|---------------------|------|------|------|------|
| | Pima | Pima | Pima | Pima | |
| | S-1 | S-2 | S-3 | S-4 | P-17 |

FIBER TESTS

Raw Cotton

| | | | | | |
|-----------------------|--------------------|---------|---------|---------------------|-------|
| Classer's designation | A-E-3.5 | A-E-3.5 | A-E-3.5 | A-E-3 | A-E-4 |
| Grade | 1-3/8 ⁺ | 1-7/16 | 1-7/16 | 1-7/16 ⁺ | 1-1/2 |
| Staple | | | | | |
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.27 | 1.39 | 1.36 | 1.39 | 1.40 |
| Mean | 1.09 | 1.18 | 1.16 | 1.17 | 1.17 |
| Micronaire | 3.15 | 3.20 | 3.15 | 3.25 | 3.35 |

Comber Drawing Sliver

| | | | | | |
|----------------------|------|------|------|------|------|
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.31 | 1.32 | 1.37 | 1.36 | 1.39 |
| Mean | 1.05 | 1.08 | 1.12 | 1.12 | 1.14 |
| Stelometer | | | | | |
| Tenacity (grams/tex) | | | | | |
| T ₀ | 41.0 | 41.0 | 40.9 | 43.1 | 45.3 |
| T ₁ | 25.6 | 24.8 | 24.1 | 25.0 | 27.5 |
| E ₁ | 10.7 | 10.2 | 10.1 | 9.6 | 8.5 |
| Arealometer | | | | | |
| A | 533 | 520 | 520 | 514 | 503 |
| D | 54 | 55 | 47 | 49 | 56 |

SPINNING TESTS

| | | | | | |
|-----------------------|------|------|------|------|------|
| Skein strength | | | | | |
| 50's combed | 74 | 70 | 71 | 72 | 74 |
| 80's combed | 41 | 39 | 41 | 39 | 40 |
| Yarn appearance index | | | | | |
| Combed yarns | 115 | 115 | 120 | 120 | 115 |
| Neps | | | | | |
| Carded 4½ lbs/hr | 16 | 6 | 11 | 12 | 11 |
| Waste (percent) | | | | | |
| Picker and card | 7.7 | 7.2 | 9.7 | 8.2 | 8.4 |
| Comber | 18.1 | 17.8 | 17.3 | 17.9 | 17.2 |

1966 PIMA REGIONAL COTTON VARIETY TEST
Combed Yarn Tests

| Fiber and Yarn Tests | Fabens, Texas | | | | |
|----------------------|---------------|------|------|------|------|
| | Pima | Pima | Pima | Pima | |
| | S-1 | S-2 | S-3 | S-4 | P-17 |

FIBER TESTS

Raw Cotton

| | | | | | |
|-----------------------|--------|--------|---------------------|--------|-------|
| Classer's designation | | | | | |
| Grade | A-E-3 | A-E-3 | A-E-3.5 | A-E-3 | A-E-4 |
| Staple | 1-7/16 | 1-7/16 | 1-7/16 ⁺ | 1-7/16 | 1-1/2 |
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.36 | 1.44 | 1.38 | 1.36 | 1.40 |
| Mean | 1.17 | 1.16 | 1.13 | 1.15 | 1.16 |
| Micronaire | 3.15 | 3.65 | 3.30 | 3.50 | 3.58 |

Comber Drawing Sliver

| | | | | | |
|----------------------|------|------|------|------|------|
| Fibrograph (inches) | | | | | |
| Upper half mean | 1.34 | 1.33 | 1.38 | 1.34 | 1.41 |
| Mean | 1.15 | 1.11 | 1.15 | 1.11 | 1.15 |
| Stelometer | | | | | |
| Tenacity (grams/tex) | | | | | |
| T ₀ | 41.0 | 43.1 | 40.9 | 42.4 | 45.7 |
| T ₁ | 26.0 | 24.7 | 25.6 | 26.1 | 27.8 |
| E ₁ | 10.4 | 10.0 | 9.8 | 10.3 | 8.4 |
| Arealometer | | | | | |
| A | 516 | 473 | 505 | 498 | 466 |
| D | 53 | 48 | 49 | 49 | 45 |

SPINNING TESTS

| | | | | | |
|-----------------------|------|------|------|------|------|
| Skein strength | | | | | |
| 50's combed | 71 | 70 | 72 | 72 | 74 |
| 80's combed | 39 | 38 | 39 | 39 | 40 |
| Yarn appearance index | | | | | |
| Combed yarns | 105 | 120 | 115 | 115 | 115 |
| Neps | | | | | |
| Carded 4½ lbs/hr | 8 | 4 | 9 | 8 | 9 |
| Waste (percent) | | | | | |
| Picker and card | 8.4 | 6.6 | 8.7 | 7.1 | 8.8 |
| Comber | 16.6 | 16.1 | 16.9 | 16.7 | 16.2 |

APPENDIX

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K. H. Patrick, E. M. Evans, Auburn, Ala.; S. E. Gissendanner, Crossville, Ala.; J. K. Boseck, Bella Mina, Ala.
R. R. Bridge, W. R. Meredith, J. F. Chism, Stoneville, Miss.
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The staff of the Agricultural Research Service's U.S. Cotton Fiber and Spinning Laboratories, University of Tennessee, Knoxville, Tenn., led by P. R. Ewald, conducted the fiber and spinning tests. Fiber testing was conducted by Smith Worley, Jr.; spinning tests, by C. B. Landstreet.

The staff of Biometrical Services, Beltsville, Md., performed the statistical analysis and tabulation of data.

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